

WHOLESALE

Mitchell
H.F.
1920

MICHELL'S BULBS

WHOLESALE 1920

31ST YEAR

HYACINTH
Grand Maitre



NARCISSUS
Grand Soleil
D'Or



TULIP
Murillo



NARCISSUS
Golden Spur
(Ex. Ea. Strain)



TULIP
Keizerkroon



Prices on the above varieties of bulbs will be found in body of catalog.
HENRY F. MICHELL CO.
*Specialists in SEEDS—BULBS
Plants and Sundries for Florists*
516-518 Market Street, Philadelphia

129

**NOTICE TO CUSTOMERS
OUTSIDE OF THE
UNITED STATES**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

U. S. FOOD ADMINISTRATION No. G. 36797

**The Michell
Organization**

The loyal patronage of our trade, coupled with our efforts to please and render service, has made our organization possible. A staff of about 125 employees at our Store and Salesrooms housed in two buildings—one 5 stories high, 23 feet wide, on Market Street, 47 feet wide on Ludlow Street, 180 feet deep, and another 4 stories high. Our shipping department and part of our warehouses front 67 feet on Ludlow Street.

**PLEASE NOTE WHEN
DESIRING TO OPEN
AN ACCOUNT**

When sending your first charge order, refer preferably to someone in either your own or our line of business with whom you have a charge account. This frequently saves delays.

DISCOUNTS

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent. for payment 10 days from date of bill may be deducted; if cash accompanies the order, 3 per cent. may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

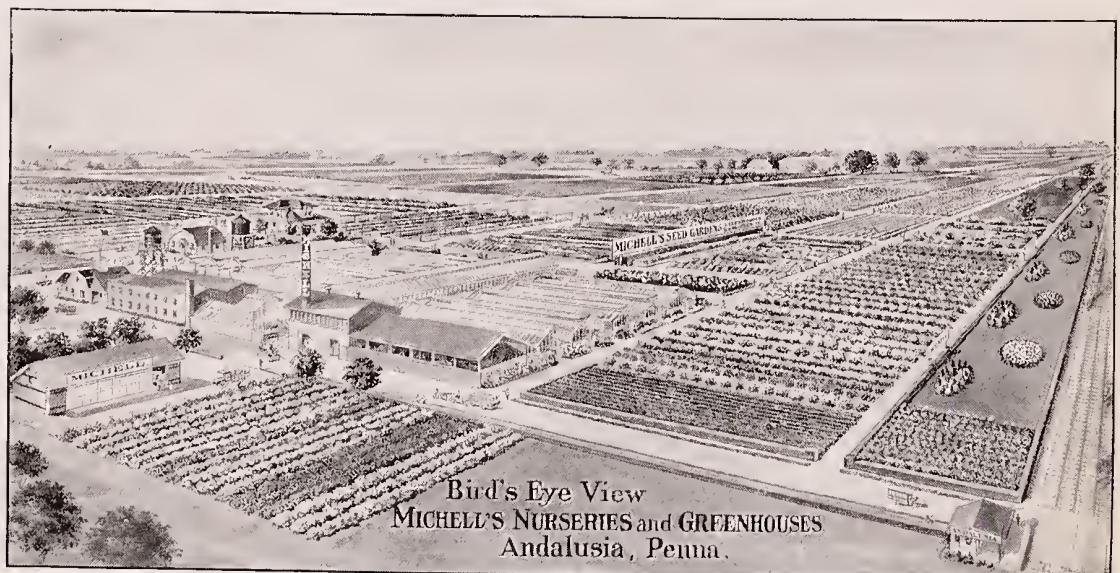
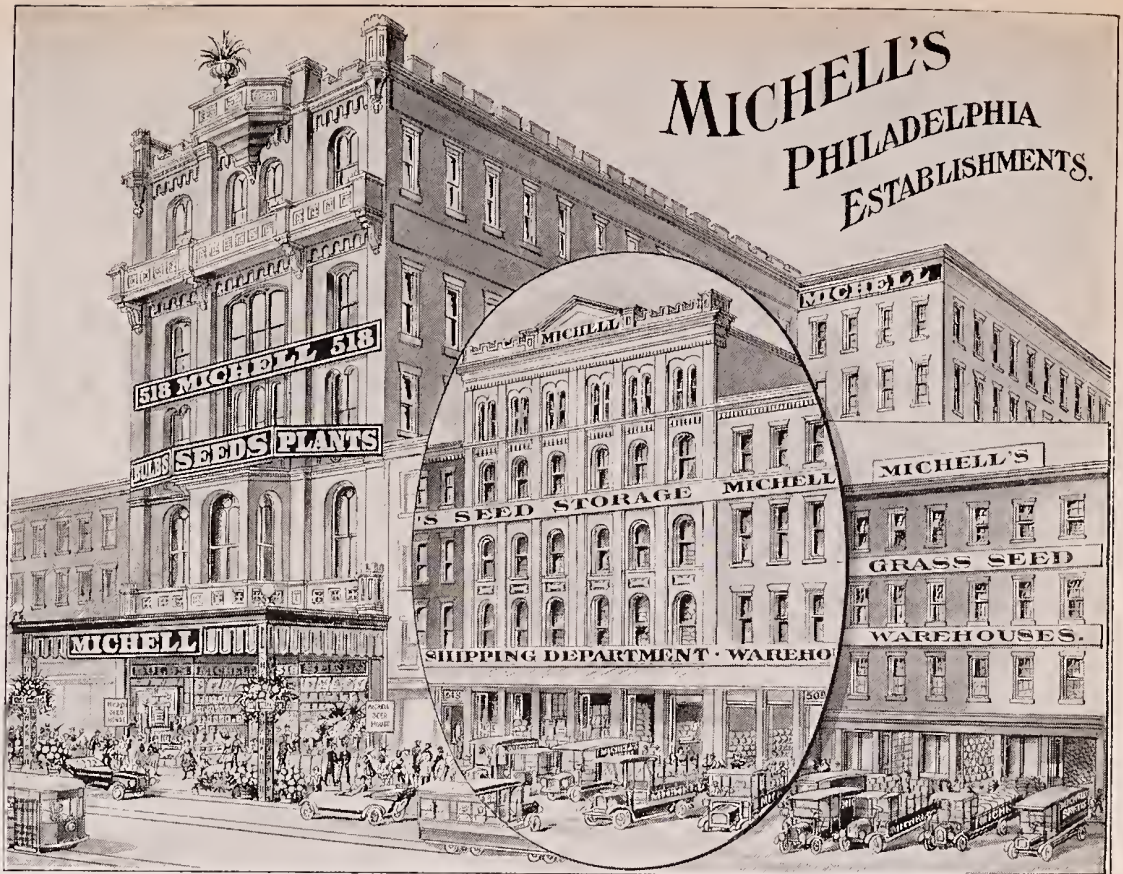
IMPORTANT NOTICE—All shipments of plants, perishable stock and cold storage bulbs are made at buyers' risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or non-arrival of merchandise not perishable will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

CONDITIONS OF SALES

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made.



Bird's Eye View
MICHELL'S NURSERIES and GREENHOUSES
Andalusia, Penna.

HENRY F. MICHELL, PRESIDENT

HENRY F. MICHELL CO.

FRED K. J. MICHELL, VICE PRESIDENT

SEEDS, BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS, INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES - 509-11-13 LUDLOW ST.
GARAGE - 2114-16 LOCUST ST. PHILA.

516-518 MARKET ST., PHILA.

BELL AND KEYSTONE
TELEPHONE CONNECTION

Index to Contents of Michell's Wholesale 1920 Bulb Catalog

LIBRARY
NEW YORK
BOTANICAL
GARDEN

U. S. Food Administration License No. G 36797

SEEDS		PAGE		PAGE		PAGE	
Alfalfa	17	Cane Stakes	41	Hyacinth Stakes	41	Sand	42
Clovers	17	Carbolineum	44	Hydrant Attachment	37	Sash	34
Essex Rape	17	Carnation Dye	42	Hydrometers	44	Saucers	43
Farm Seeds	17	Carnation Menders	39	Imp Soap Spray	44	Saws	35
Flower Seeds	18 to 33	Carnation Supports	41	Insecticides	44, 45	Scalecide	45
Grass Seeds	16	Celery Bleachers	36	I. X. L. Compound	44	Scale Destroyer	45
Mushroom Spawn	14	Celery Handlers	36	Kainit	46	Shaderine	42
Rye	17	Celery Hillers	36	Kerosene Emulsion	44	Shading Cloth	34
Timothy	17	Celery Paper	36	Kirke System	42	Shears	35
Vegetable Seeds	12 to 15	Celery Tape	36, 42	Knives	35	Sheep Manure	47, 3rd cover
Vetches	17	Cement	42	Labels	42	Shoo-Fly	45
Wheat	17	Charcoal	42	Land Plaster	46	Shovels	36
		Chrysanthemum Manure	46	Lawn Rakes	36	Sieves	34
		Clay's Fertilizer	46	Lawn Sand	46	Slug Shot	45
		Coal (for Wagon Heat-ers)	34	Leaf Mould	42	Snips	41
		Cocconut Fibre	42	Lemon Oil	44	Soap Spray	44
		Copper Solution	44	Lime	46	Sod Crushers	34
		Cottonseed Meal	46	Limestone	46	Soil	42
		Coupling Parts	37	Lime Sulphur	44	Soil Pulverizers	34
		Cow Manure	46, 3rd cover	Limoid	46	Soot	47
		Cut Flower Boxes	39	Lopping Shears	35	Spades	36
		Cut Flower Vases	43	Manure	46	Spading Forks	36
		Cyanegg	44	Manure Distributor	39	Sprayers	38
		Dalmatian Powder	44	Marking Rakes	36	Sprinklers	39
		Dibbles	36	Mastica	42	Stakes	41
		Dissolved Bone	46	Mastica Machine	42	Stake Fasteners	41
		Extension Pipes	38	Melrosine	45	Strainers	38
		Fern Dish Liners	43	Mo-Lo	45	Sulco-V. B.	45
		Fern Pans	43	Moss	39	Sulphate of Ammonia	47
		Fertilizer	46, 47	Mulford Germ	46	Sulphate of Potash	47
		Fertilizer Distributor	47	Muriate of Potash	46	Sulphur	45
		Fibre Saucers	43	Mushroom Spawn	14	Sulphur Blower	37
		Fibre Vases	43	Nico Fume	45	Sulphur Candles	45
		Fir Tree Oil Soap	44	Nikoteen	45	Sulphate of Copper	45
		Fish Oil Soap	44	Nitrate of Soda	47	Syringes	38
		Flower Pots	43	Nozzles	37, 38	Tankage	47
		Forks	36	Orchid Pans	43	Thermometers	14, 39
		Fumigators	39	Orchid Peat	42	Thermostats	39
		Fungicide	44	Paper	39	Thomson's Fertilizer	47
		Fungine	44	Paper Flower Pots	43	Thrip Juice	45
		Garden Rakes	36	Paris Green	45	Tinfoil	39
		Getz-There Soap	44	Peat	42	Tobacco Dust	45
		Glass Cleaner	42	Pebbles	5, 42	Tobacco Soap	45
		Glass Cutters	42	Phosphate	47	Tobacco Stems	45, 47
		Glazing Cement	42	Plant Food	47	Toothpicks	39
		Glazing Clamps	42	Plant Life	47	Tree Labels	42
		Glazing Points	42	Plant Stakes	41	Tree Paint	42
		Gloves	35	Plant Stands	34	Tree Pruners	35
		Grafting Tool	35	Plant Tie	41	Tree Scraper	36
		Grafting Wax	35, 42	Plant Tubs	43	Tree Tanglefoot	45
		Grape Dust	44	Poles	35	Trowels	36
		Gravel Rakes	36	Potato Manure	47	Tubs	43, 3rd cover
		Greenhouse White	42	Pot Hangers	43	Twine	41
		Heaters	34	Pot Labels	42	Vaporizing Lamps	34, 45
		Hedge Shears	35	Pots	47	Vases	43
		Hellebore	44	Poudrette	47	Vermine	45
		Herbicide	42	Pruners	35	Wagon Heaters	34
		Hoes	36	Pruning Compound	35, 42	Watering Cans	37
		Horn Shavings	46	Pruning Gloves	35	Weeders	36
		Horse Manure	46	Pruning Shears	35	Weed-Killer	42
		Hose (Rubber)	37, third cover	Pumps	38	Wheat Fertilizer	47
		Hose Bands	37	Putty	42	Wheelbarrows	34
		Hose Connections	37	Putty Distributor	42	Wire	41
		Hose Couplings	37	Pyrox	45	Wire Designs	40
		Hose Menders	37	Raffia	41	Wood Ashes	46
		Hose Nozzles	37	Raffia Tape	41	Worm Destroyer	45
		Hose Reducers	37	Rakes	36	Worm Eradicator	45
		Hose Washers	37	Rat Corn	45	Zementine	42
		Hotbed Mats	34	Readeana	45	Zenoleum	45
		Hotbed Sash	34	Rolling Stands	43	Zinco	42
		Humus	46	Rubber Aprons	37		
		Hyacinth Glasses	3	Rubber Hose	37, 3rd cover		
				Rubber Sprinklers	39		
				Salt	47		

BULBS AND PLANTS

Amaryllis	9
Asparagus Roots	12
Bellis	10
Calla	8
Chinese Lilies	5
Crocus	9
Crotons	11
Ferns	11
Freesia	9
Geraniums	10
Gladiolus	9
Horse Radish Roots	13
Hyacinths	2, 3
Hydrangea	10
Jonquils	5
Lilies	8, opp. page
Lily of the Valley	9
Myosotis	10
Narcissus	4, 5
Oxalis	9
Pansy	10
Tulips, Breeder	7
Tulips, Darwin	7
Tulips, Double Early	7
Tulips, Early Single	6
Tulips, May Flowering	7
Tulips, Parrot	6
Tulips, Rembrandt	7

MISCELLANEOUS

Acid Phosphate	46
Alphano Inoculant	46
Ant Exterminator	44
Aphine	44
Aphis Punk	44
Aprons	37
Arsenate of Lead	44
Ashes	46
Asparagus Fertilizer	46
Automobile Heaters	34
Bellows	34
Black Leaf 40	44
Blood (Dried)	46
Bon Arbor	46
Bone (Dissolved)	46
Bone Flour	46
Bone Meal	46
Bordeaux Arsenate	44
Bordeaux Mixture	44
Boro Wax	44
Brooms	35
Brushes	35
Bug Death	44
Bulb Pans	43
Bull Dog Clips	42

Check

Quantity

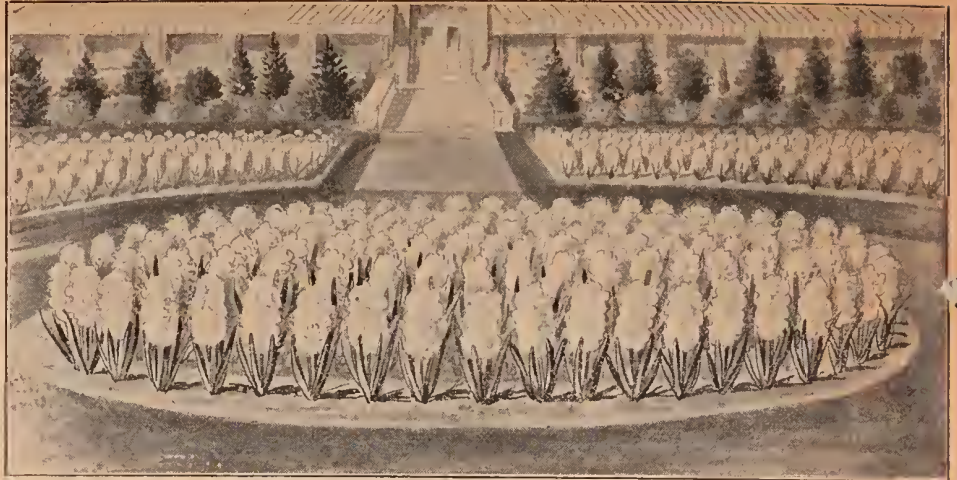
A P T I C I E S W A N T E D

PRICE

UNIT

TOTAL

MICHELL'S HYACINTHS



PLEASE NOTE—Original packages of Hyacinth Bulbs contain the following quantities: First size, 50 bulbs; second size, third size, and unnamed, 100 bulbs; miniature, 250 bulbs; if possible please order in these unit quantities.

Where prices are the same, and the order of Hyacinths aggregates 250 bulbs in not less than 50 of a kind, the 1000 rate may be used.

SINGLE FIRST SIZE NAMED

	Doz.	100	1000
Amy. Bright carmine	\$1.25	\$9.75	\$89.00
British Queen. Pure white	1.25	9.75	89.00
Chas. Dickens Blue. Porcelain	1.25	9.75	89.00
Czar Peter. Porcelain	1.25	9.75	89.00
Gertrude. Bright pink	1.25	9.75	89.00
Gigantea. Flesh pink	1.25	9.75	89.00
Grand Maitre. Bright porcelain	1.25	9.75	89.00
King of Blues. Deep blue	1.25	9.75	89.00
King of Yellow. Orange yellow	1.25	9.75	89.00
Lady Derby. Delicate pink	1.25	9.75	89.00
La Grandesse. Snow white	1.25	9.75	89.00
L'Innocence. Pure white	1.25	9.75	89.00
Moreno. Deep rose	1.25	9.75	89.00
Queen of the Blues. Silvery blue	1.25	9.75	89.00
Queen of Pinks. Brilliant pink.....	1.25	9.75	89.00
Roi des Belges. Deep red.....	1.25	9.75	89.00
Yellow Hammer. Pure yellow.....	1.25	9.75	89.00

SINGLE SECOND SIZE NAMED

	Doz.	100	1000
For bedding and forcing.....			
City of Haarlem. Golden yellow.....	\$1.15	\$8.00	\$73.50
Czar Peter. Porcelain blue	1.15	8.00	73.50
Gertrude. Bright pink	1.15	8.00	73.50
Gigantea. Flesh pink	1.15	8.00	73.50
Grand Maitre. Bright porcelain	1.15	8.00	73.50
King of Blues. Deep blue	1.15	8.00	73.50
Lady Derby. Delicate pink	1.15	8.00	73.50
La Grandesse. Pure white	1.15	8.00	73.50
L'Innocence. Pure white	1.15	8.00	73.50
Queen of the Blues. Silvery blue.....	1.15	8.00	73.50
Roi des Belges. Deep red.....	1.15	8.00	73.50

SINGLE THIRD SIZE NAMED

Just the grade of bulbs for the florist whose trade demands moderately priced hyacinths. If not sold in pots, they can be used in floral designs and leave a handsome profit to the grower; these are also excellent for high-class bedding.

	Doz.	100	1000
Gertrude. Bright pink	\$0.85	\$5.75	\$52.50
Gigantea. Flesh pink .....	.85	5.75	52.50
Grand Maitre. Bright porcelain .....	.85	5.75	52.50
King of the Blues. Deep blue.....	.85	5.75	52.50
L'Innocence. Pure white .....	.85	5.75	52.50

6 Bulbs of any one variety at dozen rate; 25 at 100 rate



PLEASE NOTE—Original packages of Hyacinth Bulbs contain the following quantities: First size, 50 bulbs; second size, third size, and unnamed, 100 bulbs; miniature, 250 bulbs; if possible please order in these unit quantities.

NOTE—Where prices are the same, and the order of Hyacinths aggregates 250 bulbs in not less than 50 of a kind, the 1,000 rate may be used.

UNNAMED HYACINTHS (For Bedding and Forcing)

Our stock of these is unusually large and fine; we recommend them for bedding only, although many florists still use them for forcing; for the latter purpose, however, we would advise the planting of Named Hyacinths as they seldom fail to give complete satisfaction; also First Size Hyacinths.

SINGLE AND DOUBLE FLOWERING

	Doz.	100	1,000
Pink	\$0.75	\$4.75	\$40.00
Red	0.75	4.75	40.00
Pure White	0.75	4.75	40.00
Blush White (Single only)	0.75	4.75	40.00
Light Blue (Single only)	0.75	4.75	40.00
Deep Blue (Single only)	0.75	4.75	40.00
Blue. All shades (Double only)	0.75	4.75	40.00
Yellow	0.75	4.75	40.00
All Colors. Mixed	0.75	4.75	40.00

MICHELL'S DOUBLE HYACINTHS DOUBLE FIRST SIZE NAMED

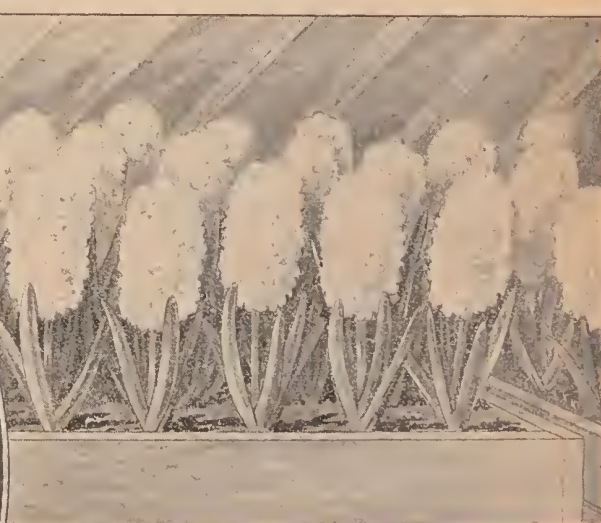
	Doz.	100	1,000
Blocksberg. Light blue	\$1.25	\$9.75	\$89.00
Bouquet Tendre. Dark carmine	1.25	9.75	89.00
Delicata. Pale blue	1.25	9.75	89.00
Garrick. Blue, dark centre	1.25	9.75	89.00
Lord Wellington. Rich pink	1.25	9.75	89.00
Prince of Waterloo. Pure white	1.25	9.75	89.00
Sunflower. Pure yellow	1.25	9.75	89.00

HYACINTH GLASSES

A few Hyacinths started in these glasses will increase your sales wonderfully. We offer them in blue, green and white.

	Doz.	100	1,000
Belgian Style. Tall	\$0.35	\$3.50	\$25.00
Tye or Low Pattern	0.35	3.50	25.00

25 supplied at 100 rate.



EARLY FLOWERING OR PREPARED MINIATURE HYACINTHS L'INNOCENCE

These are especially adapted for Christmas blooming; are splendid for cutting, pans and design work.

Price, doz., 85c; per 100, \$6.00; per 1000, \$55.00.

	Doz.	100	1,000
Gertrude. Deep pink	\$0.65	\$4.25	\$36.00
Gigantea. Light pink	0.65	4.25	36.00
Grand Maitre. Bright blue	0.65	4.25	36.00
King of the Blues. Deep blue	0.65	4.25	36.00
La Grandesse. Pure white	0.65	4.25	36.00
L'Innocence. Pure white	0.65	4.25	36.00
Roi des Belges. Fine deep crimson	0.65	4.25	36.00
Yellow Hammer. Pure yellow	0.65	4.25	36.00

MINIATURE OR DUTCH ROMAN HYACINTHS

We import fine, big bulbs of named varieties only, as these will be found far superior to the unnamed sorts offered at low prices. These adequately meet every demand ordinarily filled by French Roman Hyacinths, which for the time being are not allowed entry; for designs and centre pieces, they are in fact superior to French Roman Hyacinths.

MICHELL'S NARCISSUS PAPER WHITE GRANDIFLORA. TRUE STRAIN



NARCISSUS, PAPER WHITE GRANDIFLORA

We handle only the improved true type of Paper White Grandiflora which produces the large flowers. Order early. 100 1000
 First Size Bulbs, 13 ctm. and up: (1250 bulbs in case) \$2.75 \$21.00
 Monster Bulbs, 14 ctm. and up: (1000) bulbs in case. 3.00 25.00
 Special prices in larger quantities.

Norfolk, Virginia.
 I wish to thank you for the fine Narcissus Paper White Grandiflora that you sent us this year. Very truly yours,
 WM. J. NEWTON.



Single Narcissus Emperor

SINGLE NARCISSUS, TRUMPET VARIETIES

	Doz.	100	1000
Barri Conspicuous. Yellow, scarlet cup.	\$0.45	\$3.25	\$29.00
Bicolor Victoria. First size	.65	4.25	36.00
" Victoria. Monster bulbs	.85	6.25	57.00
Emperor. Yellow, first size	.65	4.25	36.00
" Monster bulbs	.80	5.75	52.50
" Extra early, first size	.75	4.50	42.50
Empress. White and yellow, first size.	.65	4.25	36.00
" Monster bulbs	.80	5.75	52.50
Figaro. Light yellow	.45	3.25	29.00
Giant Princeps. Yellow, monster bulbs	.65	4.50	40.00
Glory of Leiden. Yellow	.80	5.50	50.00
Golden Spur. Yellow, first size, Dutch	.75	4.25	36.00
" " Monster bulbs, Dutch	.75	5.00	46.00
" " Extra early	.65	4.50	40.00
Henry Irving. Yellow	.75	4.25	36.00
King Alfred. Yellow	1.25	9.00	85.00
Leedsii, Mrs. Langtry. White	.45	3.25	29.00
Madame de Graff. White, primrose trumpet	.80	5.50	49.00
Sir Watkin. Light yellow	.65	4.00	37.50
Trumpet Major. Dutch, yellow	.45	3.25	29.00
" " French	.50	3.25	27.50
Van Wavren's Giant. Primrose perianth, bright yellow trumpet	1.50	11.00	100.00

NARCISSUS, SINGLE POETICUS VARIETIES

Biflorus. White and yellow	\$0.45	\$3.25	\$29.00
King Edward VII. White, yellow and red cup	.80	5.50	50.00
Poetaz, Elvira. White and yellow	.65	4.25	37.00
Poeticus Ornatus. White and scarlet, first size	.40	2.50	21.00
Poeticus Ornatus. Mammoth	.45	3.25	30.00



Single Narcissus, French Trumpet Major

NARCISSUS, POLYANTHUS VARIETIES

	Doz.	100	1000
Double Roman. White and orange	\$0.45	\$2.50	\$22.50
Gloriosa. White and orange	.65	4.25	39.00
Grand Monarque. White and yellow	.50	2.75	25.00
Grand Primo. White	.50	2.75	25.00
Grand Soleil d'Or. Yellow, orange red cup	.70	4.75	40.00
Paperwhite Grandiflora. First size	.40	2.75	21.00
" " Mammoth	.50	3.00	25.00
White Pearl. White	.65	4.25	39.00
Mixed. All varieties	.45	3.25	29.00

NARCISSUS, DOUBLE VARIETIES

	Doz.	100	1000
Alba Plena Odorata. White	\$0.40	\$2.75	\$24.00
Double Jonquils. Yellow	.45	2.75	25.00
Incomparable. Yellow and orange	.60	3.75	33.00
Orange Phoenix. White, orange center	.65	4.25	37.50
Sulphur Phoenix. White, sulphur yellow centre	.65	4.25	37.50
Von Sion. Yellow, first size	.65	4.25	37.50
" " Mammoth	.70	4.75	42.50
" " Monster	.85	6.00	52.50

NARCISSUS IN MIXTURE

	Doz.	100	1000
Single Mixed	\$0.40	\$2.75	\$25.00
Double Mixed	.40	2.75	25.00

CHINESE SACRED LILY BULBS

These sell readily on the store counter, and yield a handsome profit. We would recommend to force a few into flower, which can be done in about five weeks, and place the bulbs you desire to sell on the counter, with the blooming plant.

Mammoth Size Bulbs. Per basket (30 bulbs), per bale (120 bulbs).

Regular Size Bulbs. Per basket (30 bulbs), per bale (120 bulbs).

Price for Chinese Lily Bulbs on application.

PEBBLES FOR CHINESE LILIES

85c. per doz. quart packages; per 100, \$6.00; 50 at 100 rate.

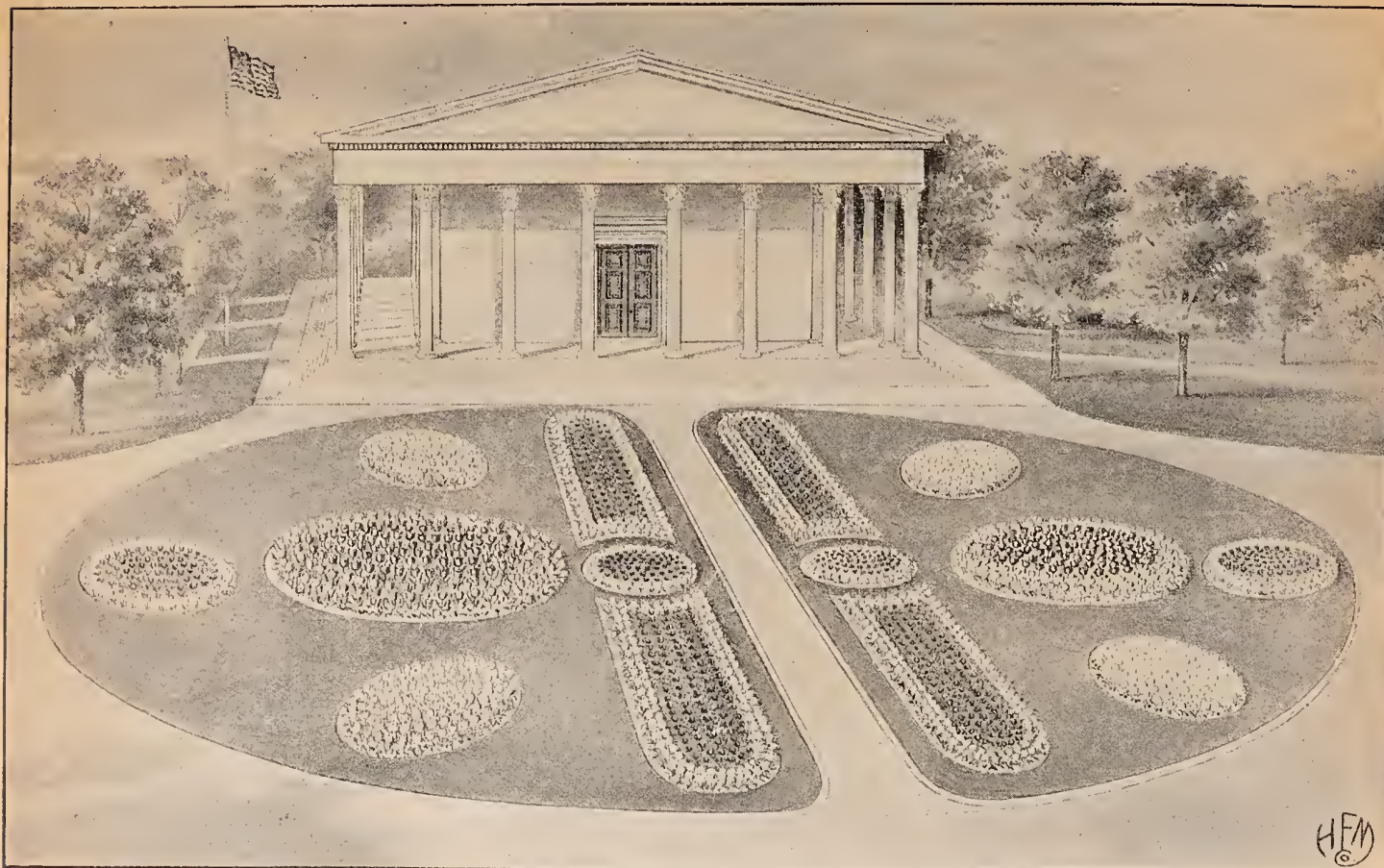
JONQUILS

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant, and are worthy of extensive cultivation. Doz. 100 1000

Campernelle Rngulosus. Single yellow, larger than the plain Campernelle	\$0.45	\$3.00	\$27.50
Double. Flowers very double, deep golden-yellow; height, 12 inches	.45	2.75	25.00
Single. Rich yellow, very fragrant; height, 12 inches	.45	3.00	25.00

MICHELL'S SUPERB TULIP BULBS

The figure in front of the variety denotes the approximate height, while the asterisk (*) denotes that the variety is suited to forcing as well as bedding. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.



Display of Michell's Tulips from bulbs furnished by us to the Trustees of Girard College, Phila. Our Tulip bulbs are equally reliable whether used for forcing or for bedding.

SINGLE EARLY TULIPS

	Doz.	100	1,000
8 Artus. Scarlet.....	\$0.55	\$3.50	\$30.00
* 8 Belle Alliance. Rich scarlet.....	.60	3.75	34.00
10 Chrysolora. Golden Yellow.....	.60	3.75	33.00
* 8 Cottage Maid. Pink and white..	.60	3.75	33.00
*10 Couleur de Cardinal. Scarlet....	.70	5.00	42.50
*10 Cramoise Brilliant. Scarlet.....	.60	3.75	34.00
12 Duchess de Parma. Orange scarlet, yellow border .....	.60	3.75	34.00
* 7 Duc v. Thol. Scarlet.....	.60	3.75	34.00
7 Duc v. Thol. Cochineal. Vermillion	.65	4.50	40.00
* 9 Joost v. Vondel White (Lady Bo-reel). Pure white.....	.65	4.25	37.00
*12 Keizerkroon. Red, gold border...	.55	3.50	30.00
12 King of Yellows. Golden yellow..	.65	4.50	40.00
*10 La Reine. White. For early forc.	.60	3.75	34.00
*14 McKinley. Rose, shaded carmine	.60	3.75	34.00
*12 Pink Beauty. Rich pink.....	.70	5.00	42.50
* 8 Proserpine. Glossy pink .....	.85	6.00	55.00
*12 Prince of Austria. Orange scarlet	.65	4.25	37.00
* 8 Rose Gris de lin. Light pink....	.55	3.50	30.00
*10 Rose Luisante. Deep pink.....	.70	5.00	42.50
*10 Vermilion Brilliant. Rich scarlet.	.65	4.50	40.00
*12 White Hawk. Pure white .....	.65	4.50	40.00
9 Wouverman. Violet.....	.60	3.75	34.00
* 8 Yellow Prince. Golden yellow....	.55	3.50	30.00

SINGLE TULIPS IN SEPARATE COLORS

(Unnamed) (For Bedding Only)

	Doz.	100	1,000
Pink, in all shades.....	\$0.40	\$2.75	\$24.00
Red and Scarlet, in all shades.....	.40	2.75	24.00
White, in all shades.....	.40	2.75	24.00
Yellow, in all shades.....	.40	2.75	24.00

SINGLE TULIPS IN MIXTURE

Our mixtures are made up from large flowering, bright colors, and give good satisfaction.

	Doz.	100	1,000
Early Varieties, Superfine Quality....	\$0.40	\$2.75	\$24.00

PARROT OR DRAGON TULIPS (Late)

These are curiously curled and crested. They are fine for bedding and border planting; also useful as a cut flower.

	Doz.	100	1,000
Constantinople. Orange red, marked brown	\$0.40	\$2.75	\$22.00
Lutca Major. Bright yellow.....	.40	2.75	22.00
Markgrave of Baden. Yellow, striped scarlet and green.....	.45	3.00	27.00
Mixed, in all colors.....	.35	2.25	19.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

(oe)

MICHELL'S SUPERB TULIP BULBS

The figure in front of the variety denotes the approximate height, while the asterisk (*) denotes that the variety is suited to forcing as well as bedding. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.



Double Tulip—Couronne d'Or

DOUBLE EARLY TULIPS

	Doz.	100	1,000
*12 Couronne d'Or. Rich yellow variety	\$0.65	\$4.25	\$37.00
*10 Imperator Rubrorum. Brilliant scarlet	.75	5.00	46.00
* 8 La Candeur. Very large, pure white	.60	3.75	34.00
* 7 Murillo. Pink, suffused white	.60	3.75	34.00
8 Rubra Maxima. Dazzling scarlet	.60	3.75	34.00
8 Toreador. A handsome rich orange	.85	6.25	57.50
* 8 Tournesol. Red and yellow; for forcing and bedding	.65	4.50	40.00
* 8 Tournesol. Orange yellow	.65	4.50	40.00

DOUBLE TULIPS IN SEPARATE COLORS

(Unnamed) (For Bedding Only)

	Doz.	100	1,000
Pink, in all shades	\$0.40	\$2.75	\$24.00
Red, in all shades	.40	2.75	24.00
White, in all shades	.40	2.75	24.00
Yellow, in all shades	.40	2.75	24.00

DOUBLE TULIPS IN MIXTURE

	Doz.	100	1,000
Superfine Quality	\$0.40	\$2.75	\$24.00

REMBRANDT TULIPS

These belong to the Darwin class; flowers striped and variegated. Height, 18 to 22 inches.

	Doz.	100	1,000
Bongainville. Amaranth blue, striped white	\$0.65	\$4.50	\$40.00
Red Prince. Rose, flamed scarlet	.55	3.50	30.00
Salome. Carmine rose with white markings	.55	3.50	30.00
Semole. White, feathered rosy pink	.55	3.50	30.00

DARWIN TULIPS (Late)

	Doz.	100	1,000
28 Ariadne. Fiery, scarlet red	\$0.65	\$4.50	\$40.00
*14 Bartigon. Fiery red	.80	5.50	50.00
*20 Clara Butt. Soft rose; extra fine forcer	.55	3.50	30.00
*23 Glow. Scarlet, margined white	.65	4.25	37.00
*18 Gretchen. Soft salmon rose	.60	3.75	34.00
*26 La Tristesse. Violet, white base	.65	4.25	37.00
25 La Tulipe Noire. Almost true black	.65	4.50	40.00
*18 Loveliness. Rosy carmine	.55	3.50	30.00
20 May Queen. Soft rose, very large forcer	.55	3.50	30.00
*26 Mme. Krelage. Rosy lilac; fine forcer	.65	4.50	40.00
24 Mr. Farncombe Sanders. Bright scarlet	.65	4.50	40.00
28 Mrs. Potter Palmer. Deep purple	.65	4.25	37.00
24 Mrs. Stanley. Purplish rose, with bright blue base	.60	3.75	34.00
*28 Nauticus. Purple rose	.60	3.75	34.00
*24 Phillippe de Commines. Deep purple	.65	4.50	40.00
*24 Pride of Haarlem. Glossy pink	.65	4.25	37.00
*26 Psyche. Light rose	.60	3.75	34.00
*20 Rev. H. Ewbank. Light heliotrope	.60	3.75	34.00
22 Salmon King. Rosy scarlet	.55	3.50	30.00
20 Sultan. Very dark, almost black	.55	3.50	30.00
*25 Suzon. Soft salmon rose	.65	4.25	37.00
24 Wally Moes. Silvery heliotrope	1.00	5.75	52.00
*14 W. Copeland. Delicate lavender	.65	4.50	40.00
22 White Queen. Creamy white, tinted rose	.60	3.75	34.00
Darwin Mixed, all colors	.40	2.75	24.00

BREEDER TULIPS

A May-flowering type, similar to the Darwins, in their tall, strong growth, but an entirely different range of colors.

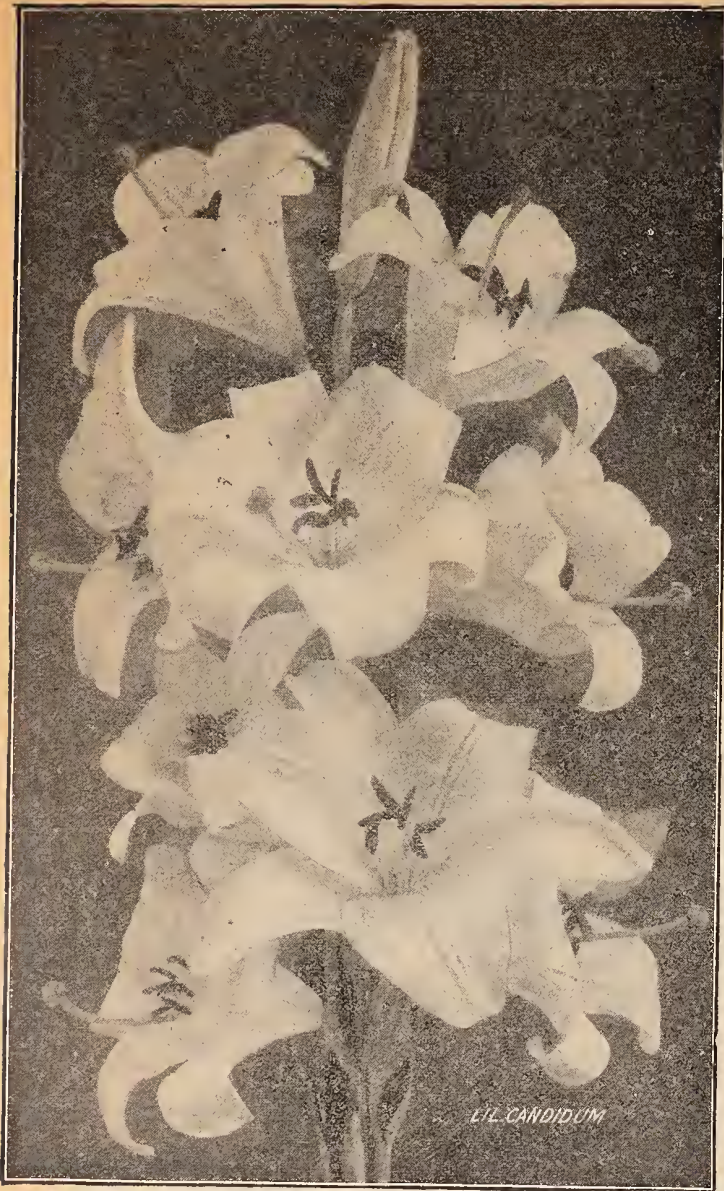
	Doz.	100	1,000
25 Apricot. Apricot orange	\$0.80	\$5.50	\$50.00
12 Aspasia. Wine red, shaded purple	.60	3.75	34.00
24 Bronze Queen. Soft buff, inside tinged golden bronze	.65	4.25	37.00
28 Cardinal Manning. Wine red, flushed rosy brown	.55	3.50	30.00
24 Chestnut. Chestnut brown	.60	3.75	34.00
25 General Ney. Olive and bronze	.65	4.25	37.00
14 Godet Parfait. Violet blue	1.00	7.25	67.50
24 Jaune d'Oeuf. Rosy lilac, yellow bordered	.55	3.50	30.00
24 Prince of Orange. Golden orange	.60	3.75	34.00
28 Turenne. Purple, brownish yellow reflex	1.00	7.25	67.50
24 Yellow Perfection. Light, bronze yellow	.60	3.75	34.00

MAY FLOWERING OR COTTAGE GARDEN TULIPS

All single flowering except where noted.

	Doz.	100	1,000
19 Blue Flag (Double). Rich violet blue	\$0.65	\$4.50	\$40.00
18 Bontou d'Or (Ida). Golden yellow	.45	3.00	27.00
24 Gesneriana Lutea. Rich yellow	.45	3.00	27.00
24 Gesneriana Rosea. Rich, rosy carmine	.45	3.00	27.00
24 Gesneriana Spathulata. Rich scarlet, blue-black centre	.45	3.00	27.00
18 Golden Crown. Pure yellow, with narrow red margin	.45	3.00	27.00
16 Inglescombe Pink. Salmon pink	.45	3.00	27.00
16 Inglescombe Scarlet. Brilliant vermilion, with a black centre	.45	3.00	27.00
16 Inglescombe Yellow. Bright yellow	.45	3.00	27.00
24 Moonlight. Exquisite canary yellow	.65	4.50	40.00
20 Picotee (Maiden's Blush). White, with distinct pink edged border	.45	3.00	27.00
15 Royal White. Pure white, very fine	.55	3.50	30.00
12 Sarah Bernhardt (Hobbema or Le Reve). Exquisite soft rose	1.00	7.25	67.50
May Flowering Tulips (Single). Mixed	.40	2.75	24.00

8 Michell's High Grade Bulbs for Florists



LILIUM CANDIDUM

(Madonna, Annunciation or St. Joseph's Lily)

We wish to lay particular stress upon the quality of our *Lilium Candidum*, which are larger and better than usually sold. Our bulbs are of strong, vigorous, healthy growth and flower freely.

NORTH OF FRANCE BULBS

Thick petaled flowers; free from disease and producing more blooms than the South of France Bulbs.

	Doz.	100	1000
First Size Bulbs.....	\$1.00	\$7.00	\$60.00
Mammoth Bulbs.....	1.25	8.25	75.00

SOUTH OF FRANCE BULBS

First Size, 18-20 ctm.....	} Prices will be established later.
Mammoth Size, 20-22 ctm.....	
Monster Size, 22-24 ctm.....	

MISCELLANEOUS HARDY LILIES

(Ready in October)

Canadense. Bright yellow.....	} Prices will be established later.
Canadense Rubrum. Red.....	
Elegans Leonard Joerg. Apricot pink.....	
Hansoni. Reddish orange.....	
Henryi. Orange yellow.....	
Regale (Myriophyllum). White.....	
Superbum. Orange red.....	
Tenuifolium. Bright scarlet.....	
Umbellatum. Orange scarlet.....	

HARDY JAPANESE LILIES

(Ready in November)

<i>Lilium Album</i> (Praecox). Pure white	} Prices on these will be established later.
8 to 9 inches.....	
9 to 11 inches.....	
11 to 13 inches.....	
" <i>Auratum</i> (Golden Banded Lily).	
8 to 9 inches.....	
9 to 11 inches.....	
" <i>Magnificum</i> (rich crimson).	
8 to 9 inches.....	
9 to 11 inches.....	
" <i>Melpomene</i> (crimson)	
8 to 9 inches.....	
9 to 11 inches.....	
" <i>Rubrum</i> or <i>Roseum</i> (Pink).	
8 to 9 inches.....	
9 to 11 inches.....	
" <i>Tigrinum Flore Pleno</i> . Double....	
" <i>Tigrinum Splendens</i> . Single.....	
<i>Batemanni</i> . Orange red.....	
<i>Brownii</i> . Purple inside, white outside....	
<i>Krameri</i> . Blush pink.....	
<i>Macranthum</i> . Giant Golden Banded Lily.	
<i>Rubro-Vittatum</i> . Spotted purplish crimson	
<i>Wittei</i> . Fragrant; white, yellow band....	



WHITE CALLA LILIES

Clean healthy bulbs.	Doz.	100	1000
1 1/4 to 1 1/2 inches in diameter.....	\$1.25	\$ 8.00	\$ 75.00
1 1/2 to 1 3/4 inches in diameter.....	1.75	12.00	110.00
1 3/4 to 2 inches in diameter.....	2.25	16.50	150.00
2 to 2 1/2 inches in diameter.....	2.75	20.00	180.00

GODFREY EVERBLOOMING CALLA

(Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety, as flower is not so heavy and large.

First Size... 1 inch diameter up....	Doz.	100	1000
Mammoth Size. 1 1/4 inch diameter up 2.00	\$1.75	\$12.00	\$110.00
	2.00	13.50	125.00

YELLOW CALLA, ELLIOTTIANA (True)

The rich, golden-yellow flowers are large and massive.

Large Bulbs, ready in October.....	Doz.	100	1,000
	\$2.25	\$16.00	\$150.00

Gentlemen:— Reading, Pa., Sept. 30, 1919.
Will you please ship 250 more Callas. Those which you have shipped us are so fine, we would like to duplicate the order.
Yours truly, J. H. G.

LILIES

ARE ALWAYS A PROFITABLE CROP

GROW PLENTY

Album

Giganteum

Melpomene

Michell's Superb Lily Bulbs

FOR FORCING

New Crop—Also Cold Storage

Prices Upon Application

PLEASE SEE REVERSE SIDE OF THIS PLATE FOR LIST OF LILIES, ETC.

MICHELL'S SUPERB EASTER LILY BULBS

**EASTER IN 1921
COMES ON MARCH 27**



Lilium giganteum

LILIAM MULTIFLORUM MICHELL'S SPECIAL BRAND

These are an extra selection from the finest bulbs in Japan.

Size	Number of Bulbs per Case	} Prices will be established later
7 to 9 inch.....	300.....	
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	

LILIAM HARRISII

MICHELL'S SPECIAL BRAND

They are the cream of the Bermuda Lily Crop, being a selection of bulbs from the most uniform plants.

Size	Number of Bulbs per Case	} Prices will be established later
6 to 7 inch.....	335.....	
7 to 9 inch.....	200.....	
9 to 11 inch.....	100.....	

LILIAM LONGIFLORUM

BERMUDA GROWN

This is a careful selection of the old-type Longiflorum which has been crossed with the Jamesii variety. In the past, what few available bulbs we have put into the hands of our customers have given results far beyond expectation. (Stock limited.)

Size	Number of Bulbs per Case	} Prices will be established later
7 to 9 inch.....	200.....	
9 to 11 inch.....	100.....	

LILIAM FORMOSUM

(Regular Green-Stem Type). For early flowering

Size	Number of Bulbs per Case	} Prices will be established later
6 to 8 inch.....	400.....	
7 to 9 inch.....	300.....	
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	
10 to 12 inch.....	150.....	

LILIAM FORMOSUM

(Dark-Stem Type)

For Easter and later.

Size	Number of Bulbs per Case	} Prices will be established later
6 to 8 inch.....	400.....	
7 to 9 inch.....	300.....	
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	
10 to 12 inch.....	150.....	

LILIAM LONGIFLORUM GIGANTEUM

MICHELL'S SPECIAL BRAND

Grown for us by the **most reliable** Lily-grower in Japan.

Size	Number of Bulbs per Case	} Prices will be established later
6 to 8 inch.....	400.....	
7 to 9 inch.....	300.....	
8 to 9 inch.....	250.....	
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	
10 to 12 inch.....	150.....	

LILIAM LONGIFLORUM, AZORES

Grown in the Azores, this new strain is an extra selection of the finest type of *Lilium longiflorum*; free from disease; an early bloomer, compact grower and suitable either for pots or cutting. **Try a few of these.** Limited supply. **Order early.**

Size	} Prices will be established later
6 to 7 inch.....	
7 to 9 inch.....	
9 to 11 inch.....	

Michell's Miscellaneous Bulbs and Roots

AMARYLLIS

	Each	Doz.	100
Belladonna. Pink	\$0.30	\$3.00	\$20.00
Hybrids of Vittata. Striped and flaked	.50	5.00	
Johnsoni. Red and white, 7-9 in. bulbs	.50	5.00	35.00

CROCUS

	Doz.	100	1000
Baron Von Brunow. Blue.....	\$0.25	\$1.65	\$15.00
Cloth of Gold. Yellow .....	.25	1.65	15.00
Cloth of Silver. White, striped silvery	.25	1.65	15.00
Mont Blanc. White .....	.25	1.65	15.00
Blue .....	.15	1.10	9.00
Striped .....	.15	1.10	9.00
White .....	.15	1.10	9.00
Yellow. Extra large monster.....	.40	2.50	22.00
Yellow. Mammoth .....	.25	1.65	15.00
Yellow. First size .....	.15	1.10	9.00
Mixed. All colors .....	.15	1.10	9.00

IMPORTANT! The Plant Quarantine No. 37, which went into effect on June 1st, 1919, prohibits the importation of a number of Bulbs, such as Allium, Anemones, Begonias, Gloxinias, etc.; therefore our list of Miscellaneous bulbs is small to what it otherwise would be.



Lily of the Valley

LILY OF THE VALLEY

(Ready in December)

Fancy Giant Flowering. Large pips, often producing 15 or more bells to the spike. Prices will be established later in the season.



Purity Freesia

FREESIAS

Our bulbs are well ripened, thoroughly cured and will give best results.

	Doz.	100	1,000
Purity (True). First size bulbs.....	\$0.25	\$1.35	\$11.00
" " Mammoth bulbs .....	.30	1.75	16.00
" " Monster bulbs .....	.50	2.75	26.00
" " Jumbo bulbs .....	.75	4.00	35.00

GLADIOLUS (For Forcing)

(Ready in October)

The demand for these as a late winter and early spring flower under glass is constantly on the increase. They require little attention and are practically immune from attacks by insects or plant diseases. The flower spikes always bring a good price.

	Doz.	100	1000
The Bride (Colvillei Alba). Pure white	\$0.60	\$4.00	\$35.00

OXALIS

	Doz.	100	1,000
Grand Duchess. White	\$0.25	\$1.50	\$12.00
" " Pink .....	.25	1.50	12.00
" " Lavender .....	.25	1.50	12.00
" " Yellow .....	.25	1.50	12.50
Bowei. Finest pink variety, first-size bulbs .....	.30	1.75	15.00
Bermuda Buttercup. Yellow .....	.25	1.50	12.50

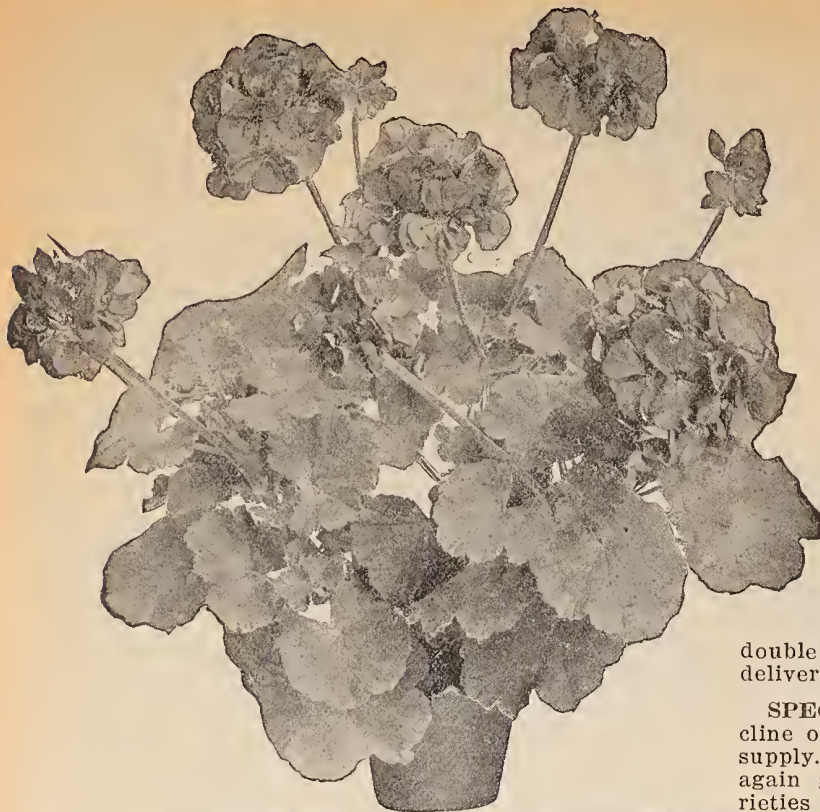


Bermuda Buttercup Oxalis

ORDER BULBS EARLY

Our bulbs have such a splendid reputation we are frequently sold out of some varieties early. We therefore recommend the placing of orders as soon as our Catalog is received.

10 Scarlet Bedding Geranium "Helen Michell"



We have been growing this variety since we introduced it, on a very extensive scale; in fact, we have each season been unable to supply the demand, and for that reason have given up growing all others in a commercial way. Every day it is creating a record for itself. From far and near we get testimonials and orders, and during the past season florists simply begged us for a few plants, so that they might get started with it.

"Still the best bloomer; richest color; largest truss and most robust grower."

It grows compact, medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flowering-heads of any of the Bedding Geraniums. The individual blooms frequently measure 2½ inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-heads, several half open and more in bud. For earliness and constancy of bloom it surpasses all other Geraniums. We further claim that "Helen Michell" is the Best Commercial Scarlet Geranium in existence.

From 2¼-inch pots, per dozen, \$1.25; 25 for \$2.00; \$7.00 per 100; \$65.00 per 1,000. It's worth double the price we ask for it. Orders booked now for delivery early next winter.

SPECIAL NOTE—Each year we have been obliged to decline orders, as the demand is invariably greater than the supply. On this account, for the coming season, we will again grow Helen Michell only, discarding all other varieties of Geraniums.

"Every Day" Results Given by a 4 in. Pot of Helen Michell Geranium

Michell's Miscellaneous Plants

All Plants Are Shipped At Buyers' Risk

DAISY OR BELLIS PERENNIS SEEDLINGS

(Monstrosa or Giant flowering type)

White and Pink each separate. \$1.00 per 100; 500 for \$4.00; \$7.50 per 1,000.

MYOSOTIS SEEDLINGS

Splendid stock of Alpestris Victoria variety. \$1.00 per 100; 500 for \$4.00; \$7.50 per 1,000.

PANSY SEEDLINGS

Produced from Michell's Giant Exhibition strain, in choicest mixture of colors. \$1.00 per 100; per 500, \$4.00; \$7.50 per 1,000.

Not less than 100 seedlings of a kind sold. Add 15c per 100 if wanted per Parcel Post.



Type of Michell's Giant Exhibition Pansy, ¾ Size

HYDRANGEAS FOR FORCING AND GROWING ON

The list of commercial Hydrangeas has become so voluminous, that we have combed it thoroughly with the result, we are offering what we consider the best sorts for the commercial grower to handle. We grow these in great number and feel certain the quality of our plants will please the buyer. The 2¼-inch stock is especially desirable for growing on.

	2¼ inch		4 inch		6 inch		2¼ inch		4 inch		6 inch	
	Doz.	100	Doz.	100	Doz.	100	Doz.	100	Doz.	100	Doz.	100
Baby Bimbinet.												
Silvery rose.	\$1.25	\$ 8.00	\$4.25	\$30.00	\$10.00	\$75.00						
General de V-braye.												
Bright pink.	1.25	8.00	4.25	30.00	10.00	75.00						
Louis Moul-lierc. Deep rose	1.50	10.00	4.25	30.00	10.00	75.00						
La Perle. White, fringed	\$1.25	\$ 8.00	\$4.25	\$30.00	\$10.00	\$75.00						
Radiant. Rosy carmine	1.25	8.00	4.25	30.00	10.00	75.00						
Otaksa. Rose pink	1.00	7.50	3.50	25.00	10.00	75.00						

All Plants Shipped at Buyer's Risk

(oe)

MICHELL'S CHOICE PLANTS FOR FLORISTS

We are devoting a portion of glass at our nursery to the production of choice plants that will be demanded by florists. It will be our aim to grow a superior grade—with no thought as to how cheap we can offer them—but rather how good we can supply them. For the beginning the variety will be limited, which will enable us to concentrate our efforts in producing the best quality.

SCOTTI FERNS

This variety needs no introduction; while not new, it seems to hold its place as a commercial fern while other varieties come and go. We offer well grown healthy plants in 6 inch pots only, \$1.25 each; dozen, \$12.00.

CROTONS (Mixed Varieties)

This stock, though composed of named sorts, is not separately labeled; it is clean, well grown and at the price is a purchase that is worth while. The variety is composed of broad and slender leaved sorts, 5 inch pots, 85c each; doz. \$9.00.



Nephrolepis Scotti

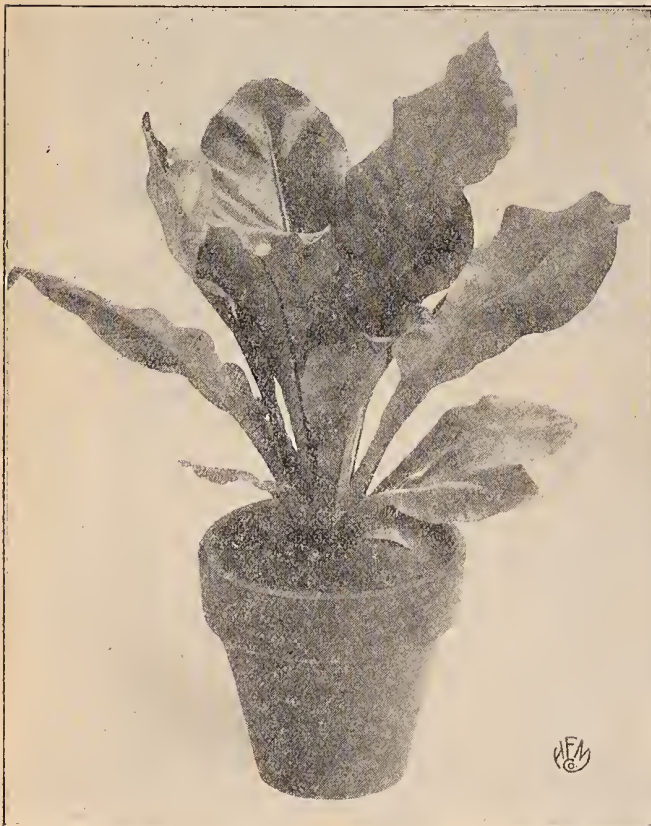
ADIANTUM GLORIOSUM (Glorified Maiden Hair Fern)

This variety is frequently referred to as the Hardy Maiden Hair Fern; it combines the ruggedness of the Cuneatum type while possessing the grace and beauty of the Farleyense type, yet not being near so delicate; for shipping it carries well and makes a splendid table decoration.

3 inch pots, per dozen \$5.00 5 inch pots, each \$1.00

ASPARAGUS PLUMOSUS NANUS

We have a splendid lot of plants in 3 inch pots, well grown, healthy and clean, with a good color, \$1.75 per doz.; \$12 per 100.



Asplenium Nidus Avis

ASPLENium NIDUS AVIS

(Bird's Nest Fern)

The Bird's Nest Fern is very popular where a store plant trade is carried on. It is extremely satisfactory to the buyer and is of a character and habit that will encourage persons who are timid in buying stock of this nature to try other plants for house culture. We offer well grown plants.

	Each	Dozen
4 inch pots	\$0.75	\$ 8.00
5 inch pots	1.00	10.00



Adiantum Gloriosum

MICHELL'S VEGETABLE SEEDS

ARTICHOKE			
	Oz.	¼ lb.	Lb.
Green Globe	\$0.50	\$1.75	\$7.00

ASPARAGUS				
	Oz.	¼ lb.	Lb.	5 lbs.
Barr's Mammoth	\$0.10	\$0.20	\$0.45	\$1.75
Couover's Colossal .....	.10	.20	.45	1.75
Michell's Giant Argenteuil .....	.10	.30	1.00	
Palmetto or Eclipse .....	.10	.20	.45	1.75

ASPARAGUS ROOTS			
(Ready after October 15th)			
	2-year-old		3-year-old
	100	1000	100 1000
Barr's Mammoth	\$1.00	\$6.75	\$1.25 \$10.00
Couover's Colossal	1.00	6.75	1.25 10.00
Giant Argenteuil	1.00	6.75	1.25 10.00
Palmetto or Eclipse	1.00	6.75	1.25 10.00

BEANS—Dwarf Green Podded Varieties					
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Black Valentine	\$0.30	\$0.55	\$1.35	\$2.50	\$5.50
Extra Early Refugee .....	.35	.65	1.50	2.80	5.25
Full Measure .....	.30	.55	1.25	2.25	5.25
Mammoth Stringless .....	.30	.55	1.25	2.25	5.25
Red Valentine (Imp.) .....	.30	.55	1.25	2.40	5.25
Stringless Forcer .....	.35	.65	1.50	2.50	
Stringless Green Pod (Improved) .....	.30	.55	1.25	2.25	5.25

BEANS—Dwarf Wax Varieties					
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Black Wax	\$0.30	\$0.55	\$1.25	\$2.25	\$5.25
Currie's Rust-Proof Wax .....	.30	.55	1.25	2.25	5.50
Early Refugee Wax .....	.35	.65	1.50	2.80	5.50
Golden Wax Rust-Proof (Mich. Imp.) .....	.35	.65	1.50	2.80	5.50
Round Podded Kidney Wax .....	.40	.75	1.75	3.25	7.50
Sure Crop Stringless Wax .....	.35	.65	1.50	2.80	6.00
Wardwell's Kidney Wax .....	.35	.65	1.50	2.75	6.00

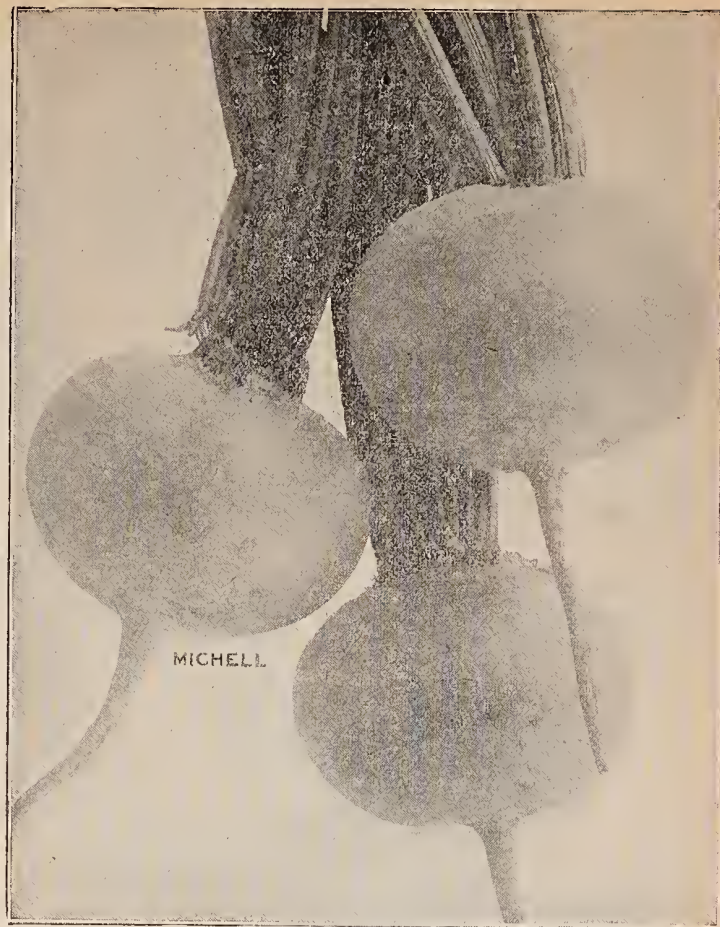
DWARF SHELL BEANS (For Soups or Baking)					
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Boston Navy or Pea ..	\$0.30	\$0.55	\$1.25	\$2.25	\$5.50
Broad Windsor .....	.40	.75	1.85	3.60	7.50
Dwarf Horticultural ..	.30	.55	1.25	2.25	5.00
White Marrowfat .....	.30	.55	1.25	2.25	5.50

BEANS—POLE LIMA					
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Carpinteria	\$0.35	\$0.60	\$1.40	\$2.75	\$6.50
Dreer's Imp. Potato ..	.40	.75	1.75	3.40	7.50
Giant Podded .....	.35	.65	1.50	2.75	5.50
King of the Garden ..	.35	.65	1.50	2.75	6.50
Michell's Evergreen ..	.40	.75	1.75	3.25	7.50

BEANS—BUSH LIMA					
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Burpee's Improved ..	\$0.40	\$0.75	\$1.60	\$3.00	\$7.25
Fordhook .....	.40	.75	1.60	3.00	7.25
Wilson's Improved ..	.35	.65	1.50	2.75	6.50

BEANS—POLE (Not Limas)					
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Early Golden Cluster Wax	\$0.35	\$0.65	\$1.50	\$2.75	\$6.50
Scarlet Runner (Green Pod) .....	.40	.75	1.85	3.60	
Kentucky Wonder (Green pod) .....	.30	.55	1.25	2.25	5.00

CARROTS				
	Oz.	¼ lb.	Lb.	5 lbs.
Chantenay Half Long	\$0.10	\$0.30	\$1.00	\$4.50
Danver's Half Long .....	.10	.30	1.00	4.50
Early Half Long Scarlet .....	.15	.50	1.50	
Early Scarlet Horn .....	.15	.50	1.50	
Guerande or Oxheart .....	.10	.30	1.00	4.50
Improved Long Orange .....	.10	.30	1.00	4.00
Orange Beauty .....	.15	.50	1.25	5.00
Rubicon Half Long .....	.10	.30	1.00	4.50
Very Early Short Horn Scarlet .....	.15	.40	1.25	
White Belgian .....	.10	.25	.75	3.50



Crosby's Egyptian Beet

BEET (Table Varieties)					
	Oz.	¼ lb.	Lb.	5 lbs.	10 lbs.
Arlington Favorite ..	\$0.10	\$0.35	\$1.25	\$5.50	\$10.00
Bassano (Extra Early) ..	.15	.45	1.50	6.25	11.50
Bastian's Extra Early ..	.10	.35	1.25	5.50	10.00
Bastian's Half Long Blood .....	.15	.45	1.50	6.25	11.50
Crimson Globe .....	.15	.40	1.25	5.75	11.00
Crosby's Egyptian .....	.15	.40	1.50	6.25	11.50
Detroit Dark Red .....	.10	.35	1.25	5.50	10.00
Eclipse .....	.15	.40	1.25	6.00	11.50
Edmand's Blood. Sold out.					
Lentz Early .....	.15	.50	1.50	6.75	12.50
Michell's Ideal. Sold out.					
Michell's Winter Keeper. Sold out.					

BEET (Cattle Varieties) Mangel Wurzel				
	Oz.	¼ lb.	Lb.	5 lbs.
Golden Tankard	\$0.10	\$0.20	\$0.75	\$3.50
Long Red .....	.10	.25	.85	3.50
Red Globe .....	.10	.20	.75	3.50
White Sugar .....	.10	.20	.75	3.50
Yellow Globe .....	.10	.20	.75	3.50

BROCCOLI			
	Oz.	¼ lb.	Lb.
White Cape	\$0.50	\$1.75	\$6.00

BRUSSELS SPROUTS			
Matchless Improved	\$0.20	\$0.60	\$2.00

CABBAGE. See next page.

CAULIFLOWER				
	Pkt.	¼ oz.	Oz.	¼ lb.
Danish Giant	\$0.20	\$1.00	\$3.50	
Early Snowball .....	.20	1.00	3.00	10.00
Half Early Paris .....	.10	.40	1.50	
Michell's Early Snowstorm ..	.20	1.25	4.00	
Michell's Special Selected Erfurt .....	.20	1.00	3.00	10.00

For full description of above varieties see our Spring Wholesale Price List.

MICHELL'S VEGETABLE SEEDS

CABBAGE (Early Varieties)

	Oz.	¼ lb.	Lb.
All Head	\$0.40	\$1.25	\$4.00
Copenhagen Market .....	.50	1.50	5.00
Early Jersey Wakefield (Improved) ...	.40	1.25	4.00
Early Winningstadt .....	.35	1.10	4.00
Henderson's Early Summer .....	.40	1.25	4.00
Large Charleston Wakefield .....	.40	1.25	4.00

CABBAGE (Late Varieties)

All Season (Vandergaw)	\$0.35	\$1.00	\$3.50
Chinese or Celery (PeTsai) .....	.25	.75	2.50
Danish Ball Head .....	.50	1.75	5.00
Late Flat Dutch .....	.40	1.25	4.00
Perfection Drumhead Savoy .....	.50	1.50	5.00
Red Dutch Drumhead .....	.30	1.00	3.00

CELERY

Easy Blanching	\$0.60	\$2.00	\$6.50
Giant Pascal .....	.20	.60	2.00
Golden Self-Blanching (French grown) ..	.75	2.50	8.00
New Columbia .....	.25	.75	2.50
New York .....	.25	.75	2.50
Pink Plume .....	.25	.75	2.50
White Plume (Michell's Private stock) ..	.25	.75	2.50
Winter Queen .....	.15	.50	1.50

CELERICAC

Giant Prague	\$0.20	\$0.60	\$2.00
--------------------	--------	--------	--------

CHEVIL

Double Curled	\$0.20	\$0.65	\$2.25
---------------------	--------	--------	--------

CHICORY

Witloof	\$0.30	\$1.00	\$3.00
---------------	--------	--------	--------

COLLARDS

Georgia or Southern	\$0.10	\$0.30	\$1.00
---------------------------	--------	--------	--------

CORN SALAD

Large Leaved (Round Seeded)	\$0.15	\$0.55	\$2.00
-----------------------------------	--------	--------	--------

CORN, SUGAR (Early Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Bantam Evergreen	\$0.35	\$0.65	\$1.50	\$2.75	\$6.00
Early Evergreen .....	.30	.55	1.25	2.25	5.00
Early Mayflower .....	.30	.55	1.30	2.50	5.50
Golden Bantam .....	.30	.55	1.25	2.25	5.00
Golden Cream .....	.30	.55	1.25	2.25	5.00
Howling Mob .....	.30	.55	1.25	2.25	5.00
Ideal .....	.30	.55	1.30	2.40	5.50
Kendel's Early Giant .....	.30	.55	1.30	2.40	5.50
Stabler's Extra Early .....	.30	.55	1.30	2.40	5.50

CORN—SUGAR (Medium and Late Varieties)

Black Mexican	\$0.30	\$0.55	\$1.35	\$2.50	\$5.50
Country Gentleman .....	.30	.55	1.30	2.50	5.75
Little Gem, or Shoe Peg .....	.30	.55	1.30	2.50	5.75
Michell's Delicious .....	.35	.60	1.40	2.60	5.75
Stowell's Evergreen (Improved Strain) .....	.30	.55	1.25	2.25	5.25

CRESS

	Oz.	¼ lb.	Lb.
Garden, Extra Curled (Pepper Grass) ..	\$0.10	\$0.25	\$0.75
Water, True Erfurt .....	.60	2.00	6.00

CUCUMBER

Davis' Perfect	\$0.15	\$0.40	\$1.25
Evergreen .....	.15	.40	1.25
Gherkin or Burr .....	.15	.50	1.75
Japanese Climbing .....	.10	.35	1.25
Jersey Pickle or Green Prolific .....	.15	.40	1.25
Long Green Turkey	(Sold Out)		
White Spined (Arlington Improved) ..	.15	.40	1.25

CUCUMBER FOR FORCING

English Varieties: Lockie's Perfection, Sion House, Telegraph, Tender and True. Pkt. (12 seeds), either of above sorts, 25c.; \$2.00 per 100 seeds.

DANDELION

	Oz.	¼ lb.	Lb.
Thick Leaved or Cabbaging	\$0.75	\$2.25	\$8.00

EGG PLANT

	Oz.	¼ lb.	Lb.
Black Beauty	\$0.50	\$1.75	\$6.00
Michell's N. Y. Improved .....	.50	1.75	6.00

ENDIVE

	Oz.	¼ lb.	Lb.
Broad Leaved Batavian (Escarolle) ...	\$0.15	\$0.40	\$1.10
Giant Fringed .....	.15	.40	1.10
Improved Green Curled .....	.15	.40	1.10
White Curled (Self Blanching) .....	.15	.40	1.10

HERBS (Culinary and Medicinal)

	½ oz.	Oz.	¼ lb.	Lb.
Anise		\$0.10	\$0.35	\$1.25
Basil (Sweet) .....		.20	.60	2.00
Borage	\$0.10	.20	.70	2.50
Caraway .....		.20	.75	2.50
Catnip. (Pkt. 10c.)				
Chives	(Sold Out)			
Coriander .....		.10	.35	1.25
Dill .....		.10	.30	1.00
Fennel (Sweet) .....		.10	.30	1.00
Lavender .....	.25	.50	1.50	5.00
Mint. (Peppermint) (Pkt. 20c.)				
Pennyroyal .....	.30	.60	2.00	
Rosemary .....	.25	.40	1.25	
Saffron .....	.10	.20	.60	
Sage .....	.20	.40	1.50	6.00
Savory, Summer .....	.15	.30	1.00	3.75
Sweet Marjoram (American)	Sold out.			
Sweet Marjoram (Imported) .....	.20	.35	1.25	4.50
Thyme. Broad leaved .....	.40	.75	2.00	7.00

HORSE RADISH ROOTS (Ready in December)

Malines Kren. 85c. per 100 (postpaid, 95c.); \$7.50 per 1000.



Michell's Number One Lettuce

LETTUCE (Heading Varieties)

	Oz.	¼ lb.	Lb.
All Heart	\$0.15	\$0.40	\$1.25
All Right (Michell's) .....	.15	.40	1.25
Big Boston (Davey's Improved) .....	.20	.60	2.00
Big Boston .....	.15	.40	1.25
Boston Market .....	.15	.40	1.25
Dutch Butter (Private Stock) .....	.15	.40	1.25
Hausou Improved .....	.15	.40	1.25
May King .....	.15	.40	1.25
Michell's Number One .....	.15	.50	1.75
Prize Head .....	.15	.40	1.25
Salamander (Mammoth) .....	.15	.40	1.25
Way-a-head .....	.15	.40	1.25
Wonderful or New York .....	.15	.50	1.50

LETTUCE (Loose Leaf Varieties)

Black Seeded Simpson	\$0.15	\$0.40	\$1.25
Grand Rapids (Special Strain) .....	.15	.40	1.25
Silesian .....	.15	.40	1.25

LETTUCE (Cos or Romaine)

Kingsholm Cos	\$0.15	\$0.40	\$1.25
Trianon Self Folding .....	.15	.40	1.25

For full description of above varieties see our Spring Wholesale Price List.

MICHELL'S VEGETABLE SEEDS, ETC.

KALE OR BORECOLE

	Oz.	¼ lb.	Lb.	5 lbs.
Dwarf Green Curled	\$0.20	\$0.60	\$2.25	
Imperial Long Standing	.20	.50	1.50	6.25

KOHLRABI

	Oz.	¼ lb.	Lb.
Blue or Purple Vienna	\$0.25	\$0.75	\$2.50
Early White Vienna	.20	.60	2.00

LEEK

Giant Carentan	.30	.80	2.75
London Flag	.30	.80	2.75

MARTYNIA (Unicorn Plant)

	½ oz.	Oz.
Proboscidea	\$0.15	\$0.25

MUSKMELON OR CANTELOUPE

	Oz.	¼ lb.	Lb.
Delicious Gold Lined	\$0.15	\$0.50	\$1.75
Emerald Gem	.15	.50	1.25
Fordhook	.15	.50	1.25
Honey Dew	.20	.60	2.00
Jenny Lind	.15	.50	1.25
Michell's Delicious	1.00	2.75	10.00
Michell's Improved Rockyford	.15	.50	1.25

MELONS FOR FORCING

	Per pkt.	
Blenheim Orange	\$0.25	\$0.25
Invincible Scarlet	.25	.25
Windsor Castle	.25	.25
Sutton's A1	.60	.60

(In original pkts.)

WATERMELONS

	Oz.	¼ lb.	Lb.
Dixie	\$0.10	\$0.30	\$0.80
Halbert Honey	.10	.30	.85
Kleckley Sweets	.10	.30	.85
Tom Watson	.10	.30	.85

MELON—PRESERVING OR CITRON

California Red Seeded	\$0.10	\$0.30	\$0.80
-----------------------	--------	--------	--------

MUSTARD

Southern Giant Curled	.10	.25	.80
White or Yellow	.10	.25	.80

OKRA OR GUMBO

	Oz.	¼ lb.	Lb.	5 lbs.
Perkins Long Pod (Improved)	\$0.10	\$0.25	\$0.60	\$2.75
White Velvet or Creole	.10	.20	.60	

ONION

Ailsa Craig	.50	1.50	5.00
Bermuda White	.30	.85	3.00
Danver's Yellow Globe	.25	.75	2.50
Large Red Wethersfield	.25	.75	2.50
Prizetaker	.25	.75	2.75
Southport White Globe	.40	1.25	4.00
Southport Yellow Globe	.30	.85	3.00
White Barletta	.40	1.00	3.50
White or Silver Skin	.30	1.00	3.00
Winter Keeper	.30	1.00	3.50
Yellow Strasburg, or Dutch	.25	.75	2.25

PARSLEY

Champion Moss Curled	.10	.35	1.25	5.75
Double Curled or Covent Garden	.10	.30	1.10	4.00
Hamburg or Rooted	.10	.30	1.00	4.50

PARSNIP

Improved Sugar or Hollow				
Crown	\$0.15	\$0.40	\$1.25	\$5.75

PEAS—EXTRA EARLY VARIETIES

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Alaska	\$0.30	\$0.55	\$1.25	\$2.10	\$4.50	\$16.50

Dandy Extra						
Early	.30	.55	1.30	2.40	5.50	20.00
Early June	.30	.55	1.25	2.10	4.50	16.50

Michell's Special Extra						
Early	.35	.60	1.50	2.80	6.00	23.00

Nott's Excelsior (Improved Strain)	Sold out					
------------------------------------	----------	--	--	--	--	--

Sutton's Excelsior	.50	.95	2.25	4.25	10.00	
--------------------	-----	-----	------	------	-------	--

The Pilot or Leader	.45	.85	2.00	3.75	8.50	32.00
Thos. Laxton	.50	.95	2.25	4.25	10.00	

PEAS—SECOND EARLY VARIETIES

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Bliss Abundance	\$0.30	\$0.55	\$1.30	\$2.50	\$6.00	\$22.00

Daisy or Dwarf Telephone	Sold out					
--------------------------	----------	--	--	--	--	--

Potlatch	\$0.35	\$0.65	\$1.50	\$2.80	\$6.50	\$25.00
----------	--------	--------	--------	--------	--------	---------

PEAS—LATER CROP VARIETIES

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Champion of England	\$0.40	\$0.75	\$1.65	\$3.00	\$6.75	\$26.00

Dwarf Champion	.35	.60	1.50	2.80	6.00	23.00
----------------	-----	-----	------	------	------	-------

Telephone (Tall)	Sold out					
------------------	----------	--	--	--	--	--

PEAS—SUGAR OR EDIBLE POD

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Dwarf Gray Sugar	\$0.35	\$0.60	\$1.45	\$2.80	\$6.00	\$22.00



MICHELL'S "SUPERIOR" MUSHROOM SPAWN

If wanted by mail allow for postage at the rate of 10c. per brick.

Mushrooms can be grown in a greenhouse or a cellar. A crop is produced with good spawn, in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals. The first planting can be made in July, the last in March. 1 Brick will spawn 8 to 10 sq. ft.

BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain, originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms.

Per Brick	\$0.30	Per 25 Bricks	\$5.00
Per 5 Bricks	1.25	Per 50 Bricks	10.00
Per 10 Bricks	2.10	Per 100 Bricks	18.00
Per 1000 Bricks	\$170.00		

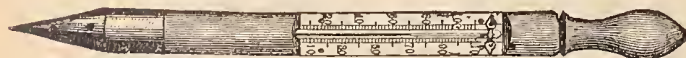
AMERICAN SPORE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick	\$0.30	Per 25 Bricks	\$5.00
Per 5 Bricks	1.25	Per 50 Bricks	10.00
Per 10 Bricks	2.10	Per 100 Bricks	19.00
Per 1000 Bricks	\$185.00		



MUSHROOM OR HOTBED THERMOMETERS

Heavy Galvanized Iron Point	\$2.00
Brass Point Wood Case Paper Scale	1.75

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

ONION SETS

White	} Prices will be quoted on application
Yellow	
Tree, or Top	

For full description of Vegetable Seeds, see our Spring Wholesale Price List.

MICHELL'S VEGETABLE SEEDS

PEPPER

	Oz.	¼ lb.	Lb.
Bell or Bull Nose (Sweet)	\$0.50	\$1.75	\$6.00
Cayenne	.30	1.00	3.00
Chinese Giant	.75	2.25	8.50
Golden Dawn	Sold out		
Pimiento	.50	1.50	5.00
Red Cherry	.30	1.00	3.25
Red Chili	.30	1.00	3.25
Ruby Giant	.50	1.75	6.00
Ruby King	.50	1.50	5.75
World Beater	.65	2.00	6.50

PUMPKIN

	Oz.	¼ lb.	Lb.
Cashaw or Golden Crook Neck	\$0.15	\$0.45	\$1.50
Connecticut or Common Field	.10	.30	1.00
Japanese Pie	.15	.45	1.50
Large Cheese	.10	.30	1.00
Large Tours or Mammoth	.20	.60	2.25
Tennessee Sweet Potato	.15	.50	1.75
Winter Luxury	.15	.50	1.75



Michell's Private Stock Cardinal Globe Radish

RADISH (Early Varieties)

	Oz.	¼ lb.	Lb.
Cardinal or Scarlet Globe (Improved)	\$0.15	\$0.40	\$1.25
Early French Breakfast	.10	.30	1.00
Icicle (Improved)	.15	.40	1.25
Long Scarlet Short Top or Salmon	.15	.40	1.25
Round Red Forcing	.15	.40	1.25
Scarlet Turnip White Tipped	.15	.40	1.25
White Box (Felton's)	.15	.40	1.25

RADISH (Summer and Winter Varieties)

	Oz.	¼ lb.	Lb.
Celestial or White Chinese	\$0.15	\$0.40	\$1.25
China Rose	.15	.40	1.25
Half Long Black	.10	.35	1.00
White Strasburg	.15	.40	1.25

RHUBARB

	Oz.	¼ lb.	Lb.
Victoria	\$0.10	\$0.35	\$1.25

RHUBARB ROOTS

(Ready in October)

	Doz.	100	1,000
Victoria. First size roots	\$1.00	\$7.00	\$60.00
Victoria. Extra large roots	1.50	10.00	85.00

SALSIFY (Oyster Plant)

	Oz.	¼ lb.	Lb.	5 lbs.
Mammoth Sandwich Island	\$0.25	\$0.85	\$3.00	\$13.75

SORREL

Broad Leaved French (Sold out)

SPINACH

	Oz.	¼ lb.	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Bloomsdale Savoy (Imp)	\$0.10	\$0.25	\$0.60	\$2.50	\$4.75	\$11.25	\$37.50
Long Season	.10	.25	.75	3.50	6.50	12.50	42.50
New Zealand	.15	.40	1.25				

SQUASH

	Oz.	¼ lb.	Lb.
Boston Marrow	\$0.15	\$0.50	\$1.50
Cocozelle	.15	.50	1.50
Delicious	.20	.60	2.00
Golden Custard	.10	.35	1.25
Golden Hubbard	.15	.40	1.25
Mammoth White Bush	.15	.50	1.50
Vegetable Marrow	.20	.50	1.75
Yellow Summer Crook Neck	.20	.60	2.00

SWISS CHARD

	Oz.	¼ lb.	Lb.	5 lbs.
Giant Lucullus	\$0.15	\$0.50	\$1.50	\$6.75

TOBACCO SEED

	Pkt.	½ oz.	Oz.
Connecticut Seed Leaf	\$0.07	\$0.15	\$0.30
Havana	.07	.15	.30
Pennsylvania Seed Leaf	.07	.15	.30

TOMATO

	Oz.	¼ lb.	Lb.
Beanty	\$0.30	\$1.00	\$3.25
Bonny Best	.40	1.25	4.00
Cracker Jack (Michell's)	.50	1.50	5.00
Dwarf Champion	.40	1.25	4.00
Dwarf Stone	.40	1.25	4.00
Earliana	.40	1.25	3.50
Globe	.40	1.25	4.00
Golden Queen	.40	1.25	4.00
John Baer	.40	1.25	4.00
Matchless	Sold out		
Michell's Early Red Wonder (Pkt., 25c.)			
Ponderosa	.50	1.50	5.50
Red Rock	.30	1.00	3.00
Stone (Michell's Private Stock)	.40	1.25	4.00

TOMATO—FORCING VARIETIES

	½ oz.	Oz.
Best of All	\$0.25	\$0.45
Comet	.25	.45
Eclipse. (Original pkts., 75c.)		

TOMATO—SMALL FRUITED VARIETIES

	½ oz.	Oz.
Red Cherry	\$0.20	\$0.40
Red Peach	.20	.40
Yellow Plum	.20	.40
Strawberry or Husk	.20	.40

TURNIP

	Oz.	¼ lb.	Lb.
Aberdeen	\$0.10	\$0.30	\$0.85
Cow Horn	.10	.30	.85
Early Purple Top Flat	.10	.30	1.00
Purple Top White Globe (Private Stock)	.15	.40	1.25
Snowball	.10	.30	.85
Southern Seven Top	.10	.30	1.00
Yellow Globe or Amber	.10	.30	1.00

RUTABAGA

	Oz.	¼ lb.	Lb.
Private Stock Purple Top Yellow	\$0.10	\$0.35	\$1.25

For full description of above varieties, see our Spring Wholesale Price List.

Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an afterthought. "Quality is paramount." We are always pleased to submit samples with prices for comparison and let you be the judge. "Our prices and quality are right."

Grass Seed is easily the most important item on a fairway and putting green, and our house realizing this, for a number of years has made a specialty of catering to the grass seed wants of particular clubs.



MICHELL'S MIXTURES FOR LAWNS

A complete description as to the adaptability of these grass seed mixtures will be furnished in our retail catalog, a copy of which may be had on request.

	Lbs. Per Bu.	Qt.	4 Qt.	Peck	Bu.	100 lbs.
Clover Lawn Green Grass Seed Mixtures. For sandy soils, or for seashore lawns	.30	\$0.45	\$1.60	\$2.75	\$10.50	\$34.00
Top Notch	.25			2.00	7.50	29.00
Green Velvet	.20	.25	.75	1.35	5.00	24.00
Evergreen. The standard Lawn Mixture	.20	.20	.65	1.25	4.50	21.50
Shaded Lawn. Will produce perfect swards in shaded places	.20	.25	.85	1.60	6.00	28.00
Fairmount Park	.15	.13	.50	.85	3.25	20.00
Seashore Formula	.20	.25	.85	1.60	6.00	28.00
Terrace or Embankment	.20	.25	.85	1.60	6.00	28.00
Southern States Evergreen. Especially for southern latitudes	.15	.20	.65	1.10	4.00	25.00
Special Sod.	.15	.20	.65	1.10	4.00	25.00
Woodlands Mixture	.20	.25	.90	1.75	6.25	30.00

MIXTURES FOR PLEASURE GROUNDS

	Lbs. Per Bu.	Qt.	4 Qt.	Peck	Bu.	100 lbs.
Michell's Fair Green Mixture	.20	\$0.25	\$0.75	\$1.40	\$ 5.25	\$25.00
Michell's Putting Green Mixture	.25	.45	1.60	3.00	11.00	40.00
Michell's Teeing Grounds Mixture	.20	.25	.75	1.40	5.25	25.00
Michell's Lawn Tennis Grass Seeds	.20	.25	.70	1.35	5.00	24.00

MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. Composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. Sow 3 to 4 bushels per acre on new land or 2 bushels on established pastures (20 lbs. per bushel). Prices: Per qt., 20c.; 65c. per 4 qts.; peck, \$1.10; \$4.00 per bushel; per 100 lbs., \$18.00.

Michell's Permanent Hayfield Grass Seed. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established fields (20 lbs. per bushel). Per qt., 20c.; 65c. per 4 qts.; peck, \$1.10; \$4.00 per bushel; 100 lbs., \$18.00.

Michell's Poultry Yard Grass Seed. (15 lbs. per bushel.) 20c. per qt.; 4 qts., 65c.; \$1.10 per peck; bushel, \$4.00; 100-lb. lots and over, 25c. per lb.

WHITE CLOVER

Choice re-cleaned. Sow 10 to 12 lbs. per acre (60 lbs. per bushel.) Per 1/4 lb., 22c.; 80c. per lb.; 5 lbs., \$3.80; \$7.50 per 10 lbs. Prices for larger quantity on application.

GRASSES IN SEPARATE VARIETIES

All Strictly Re-cleaned and Carefully Tested for Purity Germination. Prices Subject to Market Changes.

Lbs. Per Bu.	Lb.	Bush.	100 lbs.
35 Bermuda Grass	\$1.00		
14 Blue Grass (Kentucky). Extra fancy, 3 to 5 bu. per acre (\$1.35 per peck)	.45	\$5.00	\$33.00
14 Blue Grass (Canadian). 3 to 5 bu. per acre	.30	3.50	23.00
20 Creeping Bent. 4 bu. per acre			Price upon application
21 Crested Dogstail. 3 1/2 to 4 bu. per acre	.50	9.45	43.00
24 English Rye (Pacey's Fancy Short Seeded). Fine for lawns. 3 bu. per acre	.25	5.50	20.00
14 Fine Leaved Fescue			Price on application
12 Hard Fescue. 30 lbs. per acre			Price on application
32 Herd or Red Top (Re-cleaned)	.30	8.50	25.00
10 Herd or Red Top. Unhulled, 4 to 5 bu. per acre	.18	1.50	13.00
18 Italian Rye. 50 lbs. per acre	.25	4.00	20.00

Lbs. Per Bu.	Lb.	Bush.	100 lbs.
22 Meadow Fescue (English Blue Grass)	\$0.45	\$9.00	\$40.00
14 Orchard. 40 lbs. per acre	.45	5.50	37.50
14 Red or Creeping Fescue	.45	5.75	40.00
32 Red Top. Re-cleaned	.30	8.50	25.00
14 Rhode Island Bent. 40 lbs. per acre			Price on application
24 Rye Grass, Westernwolt's. Especially adapted for making lawns in the South	.35	7.20	25.00
12 Sheep's Fescue. 40 lbs. per acre			Price on application
Sudan Grass			Price on application
Sweet Vernal (Perennial). 3 lbs. per acre with other grass			Price on application
Sweet Vernal (Annual). 3 lbs. per acre with other grass			Price on application
10 Tall Meadow Oat (French Rye Grass)	.45	4.25	42.00
45 Timothy Seed. 1/2 bu. per acre alone			Price on application
14 Wood Meadow. 30 lbs. per acre	.70	9.10	60.00

All Prices Subject to Market Changes

(oe)

PRICES, WHERE QUOTED, SUBJECT TO MARKET CHANGES



Crimson Clover

CLOVERS

Alfalfa Lucerne (*Medicago Sativa*). (Non-irrigated seed. Grown in Kansas.) It is sown during May, August and September. Careful preparation of the soil previous to sowing is the main thing. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre, preferably with no other crop. Price on application.

Alfalfa (Grimm Strain). Claimed to be hardy in any and all regions, a heavy yielder and of deeper rooting ability. It requires about 10 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system and spreading habit. Price on application.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition, it grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

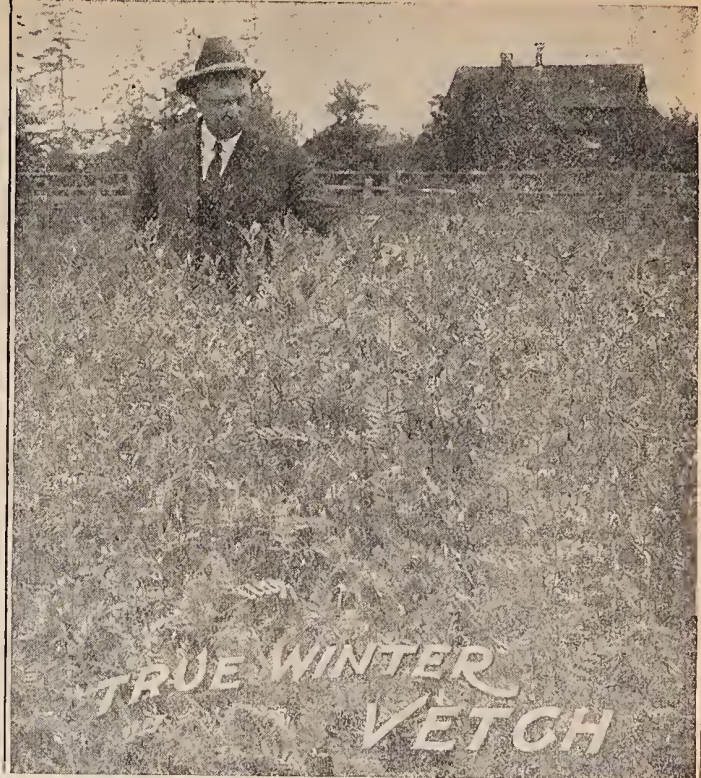
Bokhara or Giant Sweet Clover (*Melilotus Alba*. Syn. *M. Leucantha*). Used either as a feed crop or as a fertilizer to plow under. Grows from 4 to 6 feet high, thriving on almost any kind of soil. We handle only the true white-flowered variety. Sow 15 lbs. per acre during April and August. Price on application.

Crimson Clover (*Trifolium Incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2 $\frac{1}{2}$ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. It is not hardy for a period of years, being usually resown every third season. Price on application.

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. $\frac{1}{4}$ lb., 22c.; 80c. lb.; 5 lbs., \$3.80; \$7.50 for 10 lbs. Price for larger quantities on application.



SEED WHEAT

Most of our Seed Wheat is grown in the famous farming section of Lancaster County by experienced wheat growers. **Miracle** (Bearded). It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to each head or stalk. The introducer impresses upon us very forcibly not to recommend the sowing of more than one-half bushel per acre.

Fultz-Mediterranean (Bald). A cross between the old bald "Fultz" and the bearded "Red Mediterranean." Heads are of medium length, well filled with plump, red grains.

Four Rowed Fultz (Bald). The grain on the heads of this variety is arranged in spikelets, four grains in the row. The grain is hard, of medium size, red and very plump.

Leap's Prolific (Beardless). A most prolific variety indeed. The grain is large, dark red and of best milling qualities.

Lancaster Fulcaster (Bearded). An early ripener, producing large, hard, plump red grains, and long stiff straw.

Price's Wonder (Bearded). A big producer; extra long heads well filled with hard dark red grains; chaff white.

Prices on Seed Wheat will be quoted on application.

DWARF ESSEX RAPE

An indispensable green food for sheep and hogs; produces enormous crops. Sow 6 lbs. per acre, from April 1st to October 1st. Price on application.

WINTER RYE

Penna. Large White. Sow 1 to 1 $\frac{1}{2}$ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. Price on application.

Rosen. A most prolific new variety.

RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow $\frac{1}{2}$ bu. per acre alone or 6 to 8 qts. with wheat. Price on application.

WINTER VETCH (*VICIA VILLOSA*)

True Sand or Hairy Vetch. Our stock of this is the true type; will live throughout the winter. Sow from August 1st to October 1st, broadcast, 1 bu. per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower, cut for hay. Price on application.

18 MICHELL'S "DISTINCTIVE" FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim. A trial order from the most critical florist will prove for itself.

NOTE—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, packets may be ordered at a discount of 33 1/2 per cent. from our retail catalog prices.

On Flower Seeds quoted in this Catalog there is no extra charge for Parcels Post, excepting for Registry or Insurance.

Fractions of ounces are supplied as follows:			
Where price		Where price	
per oz. is	1/2 oz.	per oz. is	1/2 oz.
\$0.10...	—	\$0.65...	\$0.35
.15...	\$0.10	.75...	.40
.20...	.10	1.00...	.50
.25...	.15	1.25...	.65
.30...	.15	1.50...	.75
.35...	.20	1.75...	.90
.40...	.20	2.00...	1.00
.50...	.25	2.25...	1.15
.60...	.30	2.50...	1.25

ABUTILON (Flowering Maple)

Choicest Mixed Trade Pkt. Oz.
 \$0.40 \$2.50

ACHILLEA

Perennial, flowering continuously all summer.

Ptarmica, fl. pl. "The Pearl." Trade Pkt. Oz.
 Double white \$0.50 \$3.00

ACONITUM (Monk's Hood)

Napellus, Blue. Perennial;
 long spikes of flowers.... \$0.25 \$1.50

ACROCLINIUM (Everlasting)

Excellent for cutting fresh, or for winter bouquets. Trade Pkt. Oz.

Double Rose Pink..... \$0.20 \$0.60
 Double White20 .60
 Double Mixed15 .35

AGERATUM (Floss Flower)

Blue Perfection. Best dark blue, height, 12 in..... \$0.15 \$0.60

Cope's Pet. Blue; compact dwarf plant15 .60

Imperial Dwarf Blue. Height, 8 inches..... .15 .40

Imperial Dwarf White. Height, 8 inches..... .15 .40

Little Blue Star. Dainty little plant; very dwarf..... .40

AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers.... \$0.15 \$0.35

ALLYSSUM

Lilac Queen. Dwarf and compact; flowers lilac..... \$0.30 \$1.00

Little Dorritt. Even more compact than Little Gem and desirable for a pot plant15 .60

Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed (1/4 lb., \$1.75) .15 .50

Sweet (Alyssum Benthami). The well-known fragrant white (1/4 lb., 75c.)..... .15 .25

Saxatile Compactum. Perennial; golden yellow20 1.00

AMARANTHUS

Caudatus (Love-Lies-Bleeding). Blood red leaves... \$0.15 \$0.25

Tricolor Splendens (Joseph's Coat) Various colors15 .60

Mixed. All colors15 .25

AMPELOPSIS

Veitchi (Boston or Japanese Ivy) (1/4 lb., 75c.)..... \$0.15 \$0.25

ANCHUSA

Italica, "Dropmore Variety." Perennial; Trade Pkt. Oz.
 branching plant; 4 feet; light blue flowers.. \$0.25 \$1.00

ANEMONE (Windflower)

Hardy perennial; excellent for cutting.

Coronaria Mixed \$0.15 \$0.60
 St. Brigid. Semi-double; various colors30 1.50

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like bright yellow flowers; perennial \$0.25 \$1.00

ANTIRRHINUM (Snapdragon)

Extensively used for cutting, both summer and winter; also useful for bedding. **Michell's Giant Salmon Pink.** A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink. Trade pkt., 40c.; \$2.00 per oz.

Silver Pink. An extra fine variety; long spikes and a very profuse bloomer. Original pkts., \$1.00; \$2.50 per 3 pkts. Keystone. Large spikes; color rose pink. Per pkt., \$1.00.

Giant Gauntlet.....	\$0.20	Trade Pkt. Oz.	\$0.75
" Pink .....	.20		.75
" Scarlet .....	.20		.75
" Striped .....	.20		.75

" Venus. Shell pink on white ground, with pure white throat ..	.30	1.25
" White .....	.20	.75
" Yellow .....	.20	.75
" Mixed .....	.20	.60

Tall Mixed. Regular strain; 2 feet15 .50

ANTIRRHINUM—Semi-Dwarf

Bride. Pure white \$0.25 \$1.25
 Captivation. A rich, chamois shaded pink. Pkt., 20c.

Daphne. Pink20 1.00
 Defiance. Fiery scarlet20 1.00

Firebrand. Deep red20 1.00
 Golden Queen. Yellow.... .20 1.00

Mont Blanc. Pure white .. .20 1.00
 Pink Gem. Rose pink. Pkt., 20c.

Rose Queen. Rich rose20 1.00
 Mixed20 .75

Tom Thumb Mixed. 12 inches .20 1.00

AQUILEGIA (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

California Hybrida. Mixed colors	\$0.30	Trade Pkt. Oz.	\$1.75
Chrysantha. Yellow .....	.40		2.00
Coerulea. Blue and white. .	.30		1.50

Flabellata Nana Alba. Dwarf; pure white15	.60
---	-----	-----

Haylodgensis Delicatissima. Delicate pink40	
---	-----	--

Long Spurred Hybrids. Mixed colors30	1.50
--	-----	------

Rose Queen. Deep rose....	.40	
Single Mixed .....	.15	.60
Double Mixed .....	.15	.50

(Oe)



Giant Antirrhinum (Snapdragon)

ARABIS (Rock Cross) Trade Pkt. Oz.
Alpina. Perennial; dwarf edging plant; flowers pure white\$0.15 \$0.50

ARCTOTIS (African Daisy)
Grandis. Daisy-like flowers on long stems; color pure white on upper surface, reverse side of petals lilac-blue\$0.15 \$0.50

ARTEMISIA
Sacrorum Viridis (Summer Fir). A new annual foliage plant; rich dark green\$0.20 \$0.60



Asparagus Plumosus Nanus

Asparagus PLUMOSUS NANUS

We are Headquarters for the true Greenhouse Grown Strain. Our Seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

Greenhouse Grown Seed
 100 seeds\$0.50 | 5,000 seeds\$19.00
 1,000 seeds 4.00 | 10,000 seeds 36.00
 25,000 seeds\$85.00

Lathhouse Grown Seed
 100 seeds\$0.30 | 5,000 seeds\$10.75
 1,000 seeds 2.25 | 10,000 seeds 20.00
 25,000 seeds\$47.50

ASPARAGUS HATCHERII
 New Type of Plumosus
 100 seeds\$0.60 | 500 seeds\$2.75
 1,000 seeds\$5.00

ASPARAGUS SPRENGERI
 100 seeds\$0.25 | 5,000 seeds\$6.75
 1,000 seeds 1.50 | 10,000 seeds12.50
 25,000 seeds\$28.75

ASPERULA Trade Pkt. Oz.
Odorata (Sweet Woodruff). Suitable for hardy borders; dwarf, white\$0.25 \$1.00

AURICULA (Primula Auricula)
Choice Mixed. Hardy perennial with flowers of many beautiful colors\$0.50 \$3.00

Asters

ASTERMUM
 Trade Pkt. Oz. | Trade Pkt. Oz.
Lavender .. \$0.40 \$2.25 | **White**\$0.40 \$2.25
Rose Pink40 2.25 | **Mixed**40 2.00

GIANT COMET
 Trade Pkt. Oz. | Trade Pkt. Oz.
Crimson\$0.30 \$1.50 | **Pink and White** \$0.30 \$1.50
Dark Blue30 1.50 | **White**30 1.50
Light Blue30 1.50 | **Choice Mixed** . .30 1.25
Peach Blossom .30 1.50

CREGO
 Trade Pkt. Oz. | Trade Pkt. Oz.
Azure Blue .. \$0.40 \$2.00 | **Shell Pink** ...\$0.40 \$2.00
Lavender40 2.00 | **White**40 2.00
Purple40 2.00 | **Mixed**30 1.50
Rose Pink40 2.00

DAYBREAK
 Trade Pkt. Oz.
Pink Daybreak\$0.40 \$2.50
Purity (White Daybreak)40 2.50
Salmon Daybreak40 2.50

EARLY WONDER
 Trade Pkt. Oz. | Trade Pkt. Oz.
Pink\$0.40 \$2.25 | **White**\$0.40 \$2.25

INVINCIBLE
 Trade Pkt. Oz. | Trade Pkt. Oz.
Blue\$0.30 \$1.75 | **Rose Pink** ...\$0.30 \$1.75
Crimson30 1.75 | **White**30 1.75
Lavender30 1.75 | **Mixed**30 1.50

KING
 Trade Pkt. Oz. | Trade Pkt. Oz.
Pink King ... \$0.40 \$2.25 | **Violet King** ..\$0.40 \$2.25
Rose King40 2.25 | **White King** .. .40 2.50

QUEEN OF THE MARKET (Extra Early)
 Trade Pkt. Oz. | Trade Pkt. Oz.
Blush Pink .. \$0.25 \$1.00 | **Rose Pink** ...\$0.25 \$1.00
Crimson25 1.00 | **White**25 1.00
Dark Blue25 1.00 | **Mixed**20 .75
Light Blue25 1.00

ROYAL BRANCHING
 Trade Pkt. Oz. | Trade Pkt. Oz.
Lavender ... \$0.40 \$2.25 | **Shell Pink** ...\$0.40 \$2.25
Purple40 2.25 | **White**40 2.25
Rose Pink40 2.25 | **Mixed**40 2.00

MICHELL'S IMPROVED SEMPLE'S BRANCHING
 Trade Pkt. Oz. | Trade Pkt. Oz.
Crimson\$0.30 \$1.50 | **Shell Pink** ...\$0.30 \$1.50
Lavender30 1.50 | **White**30 1.50
Purple30 1.50 | **Mixed**30 1.50
Rose Pink30 1.50

VARIOUS SORTS
 Trade Pkt. Oz.
American Beauty. Carmine rose.....\$0.50 \$2.50
Lady Roosevelt. Pink50 4.00
Lavender Gem. Beautiful shade40 2.50
Michell's "Pink Superb." Shell pink50 5.00
Peerless Pink. Shell pink50 2.50
Peerless White. Pure white50 2.50
Vick's Silvery Rose. Pkt., 25c.
China Mixed. Many sorts and colors15 .50

ASTER Trade Pkt. Oz.
Perennial (Michaelmas Daisy). Mixed\$0.25 \$1.00

BALLOON VINE
Cardiospermum: Per oz., 15c.; 50c. per ¼ lb.

BALSAM (Lady Slipper) Trade Pkt. Oz.
Camellia Flowered Pink.....\$0.20 \$0.60
 " " **Prince Bismarck.** Salmon pink25 1.00
 " " **Scarlet**20 .60
 " " **White Perfection**25 1.00
 " " **Choice Mixed**20 .50
Fine Mixed15 .35

BALSAM APPLE Trade Pkt. Oz.
 Momordica Balsamina\$0.15 \$0.30

BAPTISIA (False Indigo)
 Australis. Tall showy plants with deep blue
 flowers; perennial \$0.20 \$0.75

BARTONIA
 Aurea. Dwarf edging plant; yellow flowers..\$0.15 \$0.35

BEANS (Flowering and Running)
 Scarlet Runner. Per lb., 40c.; 75c. for 2 lbs.

BEGONIAS
 As a bedding plant there is nothing more satisfactory;
 also excellent for pot plants. Seeds sown in January make
 splendid flowering plants in May. Trade Pkt. Oz.
 Semperflorens Erfordia. Pink\$0.50
 " Salmon Queen. Salmony red.. .50
 " Vernon. Deep red25 \$2.50
 " Choice Mixed30 2.00

BEGONIA GRACILIS
 This type produces very compact little plants that are
 literally covered with flowers; an easy seller. Trade Pkt.
 Gracilis Alba. Pure white($\frac{1}{2}$ oz., \$1.00) \$0.30
 " Luminosa. Fiery dark scar-
 let($\frac{1}{2}$ oz., \$1.75) .40
 " Prima Donna. Rose, shading
 to carmine($\frac{1}{2}$ oz., \$2.00) .50
 " Rosea. Pink($\frac{1}{2}$ oz., \$1.00) .30

BEGONIAS, TUBEROUS ROOTED
 These are easily raised from seed; produce enormous
 flowers and are excellent for bedding, window boxes or pot
 culture. Trade Pkt.
 Single Mixed\$0.50
 Double Mixed. Pkt., 34c.

BELLIS PERENNIS. See Daisy.

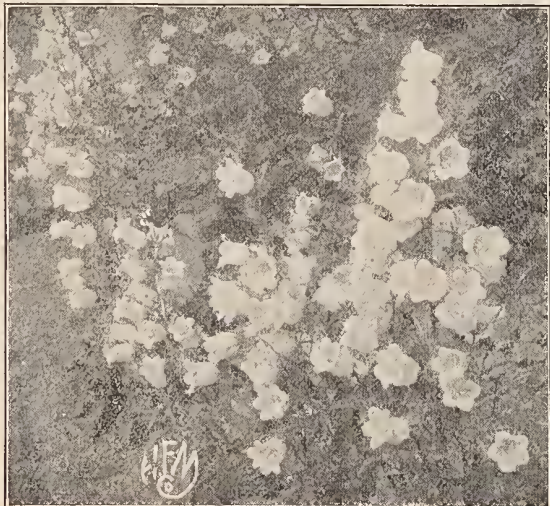
BOCCONIA (Plume Poppy)
 Cordata. Hardy perennial; creamy white
 flowers\$0.15 \$0.50

BOLTONIA (False Chamomile)
 Latisquama. Perennial; aster-like flowers;
 pink tinged with lilac.....\$0.25 \$1.25

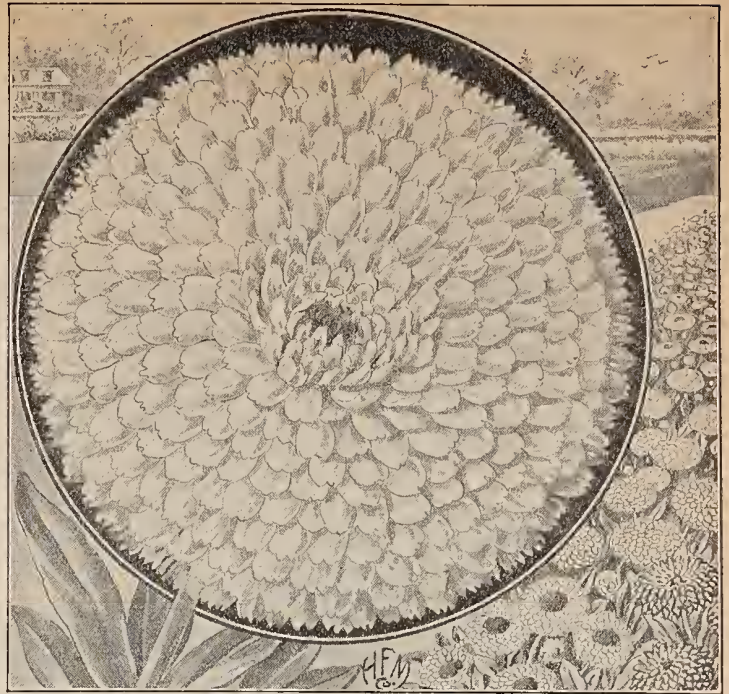
BRACHYCONE (Swan River Daisy)
 Iberidifolia. Annual with small blue flowers..\$0.20 \$0.75

BROWALLIA
 Elata Coerulea. Blue.....\$0.20 \$1.00
 Speciosa Major. Most desirable variety as a
 pot plant; large flowers, rich blue40

CALCEOLARIA
 A most decorative pot plant, which finds ready sale if
 well grown. The strains we offer cannot be excelled.
 Trade Pkt. Trade Pkt.
 Hybrid Grandiflora. Choice mixed\$0.60 \$1.00
 Hybrid Grandiflora Compacta. Dwarf, mixed .60 1.00
 Sutton's Perfection. In original packages, \$1.00.



Campanula—Media



Calendula, Michell's Special Forcing

CALENDULA (Pot Marigold)

Excellent for cutting or as pot plants. Trade Pkt. Oz. $\frac{1}{4}$ lb.
 Michell's Special Forcing. Large flow-
 ers of a rich, orange yellow color..\$0.35 \$0.70
 Lemon King. Lemon yellow15 .25 \$0.60
 Meteor. Orange striped15 .25 .60
 Orange King. Rich dark orange15 .25 .60
 Prince of Orange. Dark orange striped .15 .25 .60
 Pure Gold. Golden yellow15 .25 .60
 Mixed15 .25 .60

CALIFORNIA POPPY. See Eschscholtzia.

CALLIOPSIS (Coreopsis)

ANNUAL VARIETIES Trade Pkt. Oz.
 Golden Wave. (Drummondii). Golden yellow
 flowers\$0.15 \$0.25
 Nigra Speciosa. Rich crimson maroon15 .25
 Choice Mixed15 .25

PERENNIAL VARIETIES

Splendid flowers for cutting during the whole summer.
 California Sunbeams. Large flowers; yellow
 and brown\$0.15 \$0.50
 Lanceolata Grandiflora. Large golden yellow .15 .35

CAMPANULA (Bell Flower)

The taller sorts are splendid for cut flowers and most dec-
 orative; the dwarf sorts make excellent border plants.

Trade Pkt. Oz.
 Carpatia Blue. Dwarf, 6 inches\$0.20 \$1.00
 " White. Dwarf, 6 inches20 1.00
 Media Calycanthema (Cup and Saucer). Blue. .30 2.00
 " " Pink30 2.00
 " " White30 2.00
 " " Mixed25 1.25
 " Single, Blue15 .50
 " " Pink15 .50
 " " White15 .50
 " " Mixed15 .40
 " Double, Mixed25 1.25
 Persicifolia Grandiflora, Blue. Grows 3 to 4
 feet high and produces large bell-shaped
 flowers along the whole stem30 1.75
 Persicifolia Grandiflora, White30 1.75
 Pyramidalis (Chimney Bell Flower). 6 feet.
 Blue and white mixed25 1.25

CANARY BIRD VINE

Tropaeolum Canariense. Flowers yellow....\$0.15 \$0.25
 (oe)



Candytuft, Michell's Giant White

CANDYTUFT (Iberis)

Splendid edging plants, and also valuable for cutting.

	Trade Pkt.	Oz.	¼ lb.
Carmine	\$0.15	\$0.25	\$0.75
Crimson	.15	.25	.75
Empress. Large white..(Lb., \$2.75)	.15	.25	.75
Lavender	.15	.25	.75
Little Prince. Very dwarf, white	.15	.30	1.00
Michell's Giant White. Immense spikes of pure white flowers (Lb., \$4.00)	.15	.50	1.50
Pink	.15	.30	1.00
Purple	.15	.30	1.00
Mixed. All colors		.15	.40
Sempervirens. Perennial; fine for edging borders; white	.40	2.50	

CANNA (Indian Shot)

Crozy's Dwarf Mixed. From the finest sorts.	\$0.20	\$0.60
---	--------	--------

CARDINAL CLIMBER

	Trade Pkt.	Oz.
Ipomoea Quamoclit Hybrida. A climber with fiery, cardinal red flowers	\$0.50	\$2.00

CARNATION

Chaubaud's Everblooming. Choice mixed	\$0.40	\$1.75
Choice Mixed. Double border	.40	1.50
Early Vienna Mixed	.30	1.50
Marguerite Excelsior, Mixed. Extra large flowers	.30	1.50
" Pink	.30	1.75
" White	.30	1.75
" Scarlet	.30	1.75
" Yellow	.30	1.75
" Choice Mixed	.20	1.00

CASTOR OIL BEANS. See Ricinus

CELOSIA

CRISTATA OR COCKSCOMB VARIETIES

	Trade Pkt.	Oz.
Giant Empress. Bright crimson; dark foliage	\$0.25	\$1.25
Glasgow Prize. Dark crimson	.25	1.25
Choice Mixed. Dwarf sorts	.20	.75

PLUMOSA OR FEATHERED VARIETIES

Childsii (Chinese Woolflower). Large ball-shaped scarlet flowers	\$0.40	\$3.00
Golden Plume. Deep golden yellow	.15	.50
Pride of Castle Gould. Choice mixed colors.	.30	
Scarlet	.15	.40
Thompsoni Magnifica. Various colors	.20	.75
Thompson's Superb. Crimson	.15	.60
Choice Mixed	.15	.35



Centaurea Imperialis (Natural Size).

CENTAUREA

CENTAUREA CYANUS (Cornflower) Trade Pkt. Oz.

Double Blue. Splendid for forcing. (¼ lb., \$2)	\$0.15	\$0.60
Emperor William. Deep blue ..(¼ lb., 75c.)	.15	.25
Pink	.15	.30
White	.15	.30
Choice Mixed ..(¼ lb., 70c.)	.15	.25
Double Mixed	.15	.30

CENTAUREA IMPERIALIS

(Giant Cornflower, or Sweet Sultan)

Deep Rose	\$0.20	\$0.75
Lavender	.20	.75
Lilac	.20	.75
Brilliant Pink	.20	.75
Purple	.20	.75
White	.20	.75
Choice Mixed	.15	.50

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

	Trade Pkt.	Oz.
Bride. Pure white	\$0.30	
Bridegroom. Purplish mauve	.30	
Honeymoon. Golden yellow	.30	
WHITE LEAVED CENTAUREAS (Dusty Miller)		
Candidissima. Broad cut foliage. (1,000 seeds, 40c.)		\$2.00
Gymnocarpa. Fine cut foliage. (1,000 seeds 15c.)		.50

VARIOUS CENTAUREAS

Snaveolens. Large yellow	\$0.15	\$0.50
Montana. Perennial, blue	.25	1.00

CERASTIUM (Snow in Summer)

Tomentosum. Dwarf, white leaved edging plant; flowers white; perennial	\$0.30	\$1.75
--	--------	--------

CHRYSANTHEMUM ANNUAL VARIETIES

Helios (Evening Star). Large golden yellow	\$0.15	\$0.30
Double Mixed	.15	.25
Single Mixed	.15	.25

PERENNIAL VARIETIES

Japanese Hybirds. Autumn flowering; mixed	\$0.50	
King Edward VII. Extra large; pure white	.20	\$0.75
Shasta Daisy "Alaska." Pure white	.40	2.00

(oe)

MICHELL'S DISTINCTIVE CINERARIAS

Our Grandiflora Prize Strain cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across. The Stellata varieties make exceedingly decorative pot plants.

	½ Trade Pkt.	Trade Pkt.
Grandiflora Prize Dwarf. Mixed colors	\$0.60	\$1.00
Grandiflora Prize Medium Tall. Mixed colors . . . . .	.60	1.00
Hybrida, Choice Mixed . . . . .	.30	.50
Matador. Large flowering scarlet . . . . .	.60	1.00
Stellata Hybrida. Mixed colors . . . . .	.60	1.00
Sutton's Stellata. Star-shaped. (Orig. pkt., 75c.)		

CINERARIA (Dusty Miller)

	Trade Pkt.	Oz.
Maritima Candidissima. White leaved; much in demand for bedding, vases, baskets, etc..	\$0.15	\$0.30

CLARKIA

Elegans, Queen Mary. Double rose carmine.	\$0.15	\$0.60
" Salmon Queen. Double salmon . . . . .	.15	.60
" Scarlet Queen. Double orange scarlet . . . . .	.15	.60
" White. Double . . . . .	.15	.60
" Double Mixed . . . . .	.15	.40
" Single Mixed . . . . .	.15	.30

CLEMATIS

Flammula. Feathery white flowers	\$0.15	\$0.30
Paniculata. White star-shaped flowers. . . . .	.15	.50

CLEOME (Giant Spider Plant)

Pungens. Rose-colored flowers	\$0.15	\$0.25
---	--------	--------

COBEA SCANDENS (Cups and Saucers Vine)

Purple (¼ lb., \$1.25)	\$0.15	\$0.40
White . . . . .	.20	.75

COLEUS

Large Leaved. Choicest mixed	\$0.50
--	--------

COLUMBINE. See Aquilegia.

CONVOLVULUS (Morning Glory)

Major or Tall Varieties

	Trade Pkt.	Oz.	¼ lb.
Double Snow Fairy. Pure white	\$0.15	\$0.50	
Double Flowering. Mixed colors . . . . .	.15	.30	\$1.00
Japanese Imperial. Mixed . . . . .	.15	.50	
Japanese Imperial Fringed. Mixed . . . . .	.15	.60	
Mixed. Ordinary variety (Lb., 75c.) . . . . .	.10	.25	

Minor or Dwarf Varieties

Tricolor. Blue . . . . .	.15	.50
Mixed . . . . .	.10	.25

COREOPSIS. See Calliopsis.

COSMOS

EARLY FLOWERING

	Trade Pkt.	Oz.
Dawn. Dwarf early; white tinged pink	\$0.15	\$0.40
Large Early Flowering, Crimson . . . . .	.15	.50
" " " Pink . . . . .	.15	.50
" " " White . . . . .	.15	.50
" " " Mixed . . . . .	.15	.40

LATE FLOWERING

Crimson Ray. Narrow fluted crimson petals in star-like form	\$0.15	\$0.50
Double Crested, Pink Beauty . . . . .	.40	1.75
" " Red Beauty . . . . .	.40	1.75
" " White Queen . . . . .	.40	1.75
" " Mixed . . . . .	.40	1.75
" Eureka, Crimson (½ oz., \$1.50)	.50	
" " Pink (½ oz., \$1.50)	.50	
" Snowball. White (½ oz., \$1.50)	.50	
Giant Flowering, Crimson . . . . .	.15	.30
" " Pink . . . . .	.15	.30
" " White . . . . .	.15	.30
" " Mixed . . . . .	.15	.25
" " Fancy Varieties. Mixed . . . . .	.25	.75
" " Rainbow. Frilled flowers; mixed . . . . .	.20	.60
Klondyke. Yellow . . . . .	.20	.75
Lady Lenox. Immense flowers; color, shell pink . . . . .	.15	.40
White Lady. A new pure white variety of large size . . . . .	.15	.40



Michell's Giant Show Cyclamen

CYCLAMEN Michell's Giant Show

Our Cyclamen seed is grown for us by Specialists, and cannot be excelled for size of flowers, purity of colors and texture.

Bright Red.	Pure White.
Dark Blood Red.	Rose of Marienthal. Bright pink.
Glory of Wandsbek. Salmon red.	White with Carmine Eye.
Perle of Zehlendorf. Salmon pink.	

Each of the above colors, per 100 seed, \$2.00; \$17.50 per 1,000 seed; 2,500 seed at \$17.00 per 1,000; 5,000 seed at \$16.00 per 1,000; 10,000 seed at \$15.00 per 1,000.

Mixed Colors. Per 100 seed, \$1.50 \$12.50 per 1,000 seed; 2,500 seed at \$12.00 per 1,000; 5,000 seed at \$11.00 per 1,000; 10,000 seed at \$10.00 per 1,000.

CYCLAMEN Michell's Large Flowering

Duke of Connaught. Crimson.	Salmon Queen. Salmon pink.
Excelsior. White with red base.	St. George. Delicate salmon; foliage marbled.

Grandiflora Alba. White.
Princess of Wales. Pink.

Each of the above, per 100 seed, \$1.50; \$12.50 per 1,000 seed; 2,500 seed at \$12.00 per 1,000; 5,000 seed at \$11.50 per 1,000; 10,000 seed at \$11.00 per 1,000.

Mixed Colors. Per 100 seed, \$1.25; \$10.00 per 1,000 seed; 2,500 seed at \$9.50 per 1,000; 5,000 seed at \$9.00 per 1,000; 10,000 seed at \$8.50 per 1,000.

VARIOUS CYCLAMEN

Mrs. Buckston. Frilled and waved flowers; color, delicate salmon. Orig. pkt., 75c.
Papilio (Butterfly). Mixed colors. \$1.25 per 100 seeds.

CUPHEA (Cigar Plant)

	Trade Pkt.	Oz.
Platycentra. Scarlet	\$0.40	

CYPERUS (Umbrella Plant)

Alternifolius	\$0.30	\$1.50
-------------------------	--------	--------

CYPRESS VINE (Impomoea Quamoclit)

Scarlet	\$0.15	\$0.40
White . . . . .	.15	.40
Mixed . . . . .	.15	.30

(oe)



DELPHINIUM Perennial Larkspur

	Trade Pkt.	Oz.
Bella Donna. Light turquoise blue	\$0.50	\$4.00
Chinense Grandiflorum. Dwarf, blue	.20	.60
Chinense Grandiflorum Albmm. Dwarf, white	.20	.60
Elatum (Bee Larkspur). Blue	.25	1.25
Formosum. Deep blue	.25	1.00
Formosum Coclestinum. Sky blue	.40	2.00
Kelway's Giant. Enormous spikes with flowers of many shades of blue	.40	1.75
Rev. E. Lascelles. Flowers large and double; deep blue with white centre	.50	
Zalil. Yellow	.40	
Hybridum Mixed. All shades	.15	.50

For ANNUAL LARKSPUR see page 25.

DIANTHUS (Pinks)

Double Annual Sorts		
China or India Pinks. Mixed	\$0.15	\$0.40
Fireball. Fiery scarlet	.20	.75
Fringed. Large; mixed colors	.15	.60
Japan Pink. Choice mixed	.15	.50
White. Fringed flowers	.20	.75

DIANTHUS—Single Annual Sorts

Japan Pink. Mixed colors	.15	.50
Nobilis (Japan Royal). Mixed	.20	.60
Salmon Queen. Brilliant salmon color	.20	.75
Vesuvius. Bright Geranium red	.20	.75

DIANTHUS—Hardy Garden Sorts

Clove Scented. Double mixed	.30	2.00
Double Scotch. Choice colors; mixed	.30	1.75
Erfurt. Dwarf double; mixed colors	.40	2.00
Latifolius Atrococcineus, fl. pl. Double scarlet	.40	2.00
Pheasant's Eye. Single fringed flowers; mixed	.15	.50

DICTAMNUS (Gas Plant)

Fraxinella. Perennial; purple red flowers	.15	.60
---	-----	-----

DAHLIA

Double Cactus. All colors mixed. Trade pkt., 40c.; \$2.00 per oz.
 Double Large Flowering. Show type; mixed. Trade pkt., 30c.; \$1.50 per oz.
 Single Collarette. Flowers of various colors, with a collar of small petals around the center. Trade pkt., 25c.; \$1.00 per oz.
 Single Giant Perfection. Mixed. Trade pkt., 20c.; 75c. per oz.

DAISY, ENGLISH DOUBLE

(Bellis Perennis)
 Longfellow. Large pink. Trade pkt., 40c.; \$2.00 per oz.
 Monstrosa, Pink. Trade pkt., \$2.00 per ¼ oz.
 Monstrosa, White. Trade pkt., 50c.; \$2.00 per ¼ oz.
 Monstrosa, Mixed. Trade pkt., 50c.; \$1.75 per ¼ oz.
 Snowball. Large white. Trade pkt., 40c.; \$2.00 per oz.
 Double Mixed. Trade pkt., 30c.; \$1.50 per oz.

DATURA

(Trumpet Flower)

Cornucopia. White, marbled purple. Trade pkt., 15c.; 50c. per oz.
 Double Mixed. Trade pkt., 15c.; 35c. per oz.



Digitalis (Foxglove) Gloxiniaeflora

	Trade Pkt.	Oz.
Gloxiniaeflora, Pink	\$0.20	\$0.75
" Purple	.20	.75
" White	.20	.75
" Mixed	.15	.60
Grandiflora. Light yellow	.15	.60
Monstrosa (Mammoth Foxglove). Mixed	.25	1.00

DIMORPHOTHECA

Aurantiaca (African Orange Daisy). Golden orange, daisy-like flowers; well adapted for forcing \$0.20 \$0.75
 Aurantiaca Hybrida. A splendid mixture of colors and shades .25 1.00

DOLICHOS (Hyacinth Bean)

Darkness. Purple violet \$0.20
 Daylight. Pure white .20
 Choice Mixed (¼ lb., 30c.) .10

DRACENA

The seed is sent out in the hull or berry and should be rubbed out before sowing. Trade Pkt. Oz.
 Australis. Broad leaves \$0.15 \$0.40
 Indivisa. Narrow green leaves; the popular sort for bedding or vases... (¼ lb., \$1.00) .15 .30

ECHINOCYSTIS (Wild Cucumber Vine)

Lobata \$0.15 \$0.25

ESCHSCHOLTZIA (California Poppy)

Californica. Yellow \$0.15 \$0.25
 Carmine King. Carmine rose .15 .40
 Golden West. Large golden yellow .15 .25
 Mandarin. Orange and scarlet .15 .25
 Orange .15 .25
 Rose Cardinal. Carmine rose .15 .25
 Vesuvius. Wallflower or coppery red .15 .50
 White .15 .25
 Choice Mixed .15 .25

EULALIA. See Grasses, page 21.

EUPATORIUM

A fine perennial, and useful for cutting.
 Fraseri. White flowers \$0.15 \$0.75

EUPHORBIA

Heterophylla (Mexican Fire Plant) \$0.20 \$0.75
 Variegata (Snow on the Mountain) .15 .40 (oe)

FERNS

We can supply fresh spores of the following excellent varieties of Ferns:

Adiantum Cuneatum	Pteris Magnifica
" Mixed	" Mayii
Aspidium Tussimense	" Serrulata Cristata
Cyrtomium Falcatum	" Tremula
Lomaria Gibba	" Victoria
Lygodium Scandens	" Wimsettii
Pteris Adiantoides	" Wilsoni
" Alba Lineata	" Mixed Varieties

Mixed. Many choice varieties.

Any of the above varieties, 75c. per trade packet.

FEVERFEW (Matricaria)

Double White. Fine for cut flowers Trade Pkt. Oz. \$0.15 \$0.40

FORGET-ME-NOT. See Myosotis.

FOUR O'CLOCK. See Marvel of Peru.

FOXGLOVE. See Digitalis.



Gaillardia, Grandiflora Superba

GAILLARDIA

Annual Varieties		Trade Pkt.	Oz.
Picta. Single mixed	.....	\$0.15	\$0.30
Picta Lorenziana. Double mixed	.....	.15	.40

GAILLARDIA—Perennial Varieties

Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

Grandiflora Compacta. Mixed		Trade Pkt.	Oz.
.....	.....	\$0.15	\$0.60
" Sanguinea. Blood red	.....	.20	.75
" Semi Double. Mixed	.....	.20	.75
" Superba. Mixed	.....	.15	.60

GERANIUM

Apple Scented. Per 100 seeds, 25c.; \$2.00 per 1,000 seeds.	
Pelargonium (Lady Washington). Per 100 seeds, \$1.50.	
Zonale. Single mixed	.....\$0.25 \$1.00

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Gigantea. Immense scarlet flowers. Per 100 seeds, 75c.

Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 60c.

GEUM

Atrosanguineum Fl. Pl. Large, showy double dark crimson flowers; perennial		Trade Pkt.	Oz.
.....	.....	\$0.20	\$0.75

GLOXINIA

Carefully saved seeds from perfect flowers and shapely plants.

Hybrida Grandiflora. Choicest mixed. (1/2 trade pkt., 60c.)	Trade Pkt.	Oz.
.....	\$1.00	

GODETIA (Satin Flower)

Duchess of Albany. White	.....\$0.15	\$0.50
Gloriosa. Blood red	......15	.50
Rosamond. Shell pink	......15	.50
Choice Mixed	......15	.30

GOMPHRENA (Globe Amaranth)

Nana Compacta. Dwarf red	.....\$0.15	\$0.40
Mixed. All colors	......15	.30

GOURD (Ornamental)

Calabash, or Dipper. Very useful	.....\$0.15	\$0.30
Egg-Shaped. White	......15	.30
Hercules Club. Club-shaped; 4 feet long	... .15	.30
Luffa (Dish Rag or Bonnet Gourd)	......15	.30
Orange-Shaped (Mock Orange)	......15	.30
Pear-Shaped. Striped; very showy	......15	.30
Serpent. Striped like a serpent; 5 feet long	.15	.40
Sugar Trough. Used as water holders	......15	.30
Mixed. In a great variety	......15	.25

GRASSES (Ornamental)

Useful, either for growing in clumps, mixed borders, or in shrubberies.

Annual Varieties

Annual Varieties		Trade Pkt.	Oz.
Avena Sterilis (Animated Oats)	.....\$0.15	\$0.25
Briza Maxima (Quaking Grass)	......15	.25
Bromus Brizaeformis	......15	.25
Coix Lachrymae (Job's Tears)	......10	.10
Hordeum Jubatum (Squirrel Tail Grass)	.... .15	.40
Pennisetum Longistylum	......15	.50
Pennisetum Ruppelianum (Purple Fountain Grass)	......15	.50

Perennial Varieties

Arundo Donax (Great Reed)	......15	.40
Eulalia Japonica	......15	.50
Gynerium Argenteum (Pampas Grass)	......15	.50
Stipa Pennata (Feather Grass)	......25	1.00

GREVILLEA (Silk Oak)

Robusta. A beautiful ornamental foliage plant, grown extensively for vase work and very easily grown from seed\$0.20 \$0.60

GYPSOPHILA (Baby's Breath)

Free flowering plants of easy culture; excellent for cutting to mix with other flowers.

Elegans Alba Grandiflora. Hardy annual variety; flowers pure white. (1/4 lb., 60c.)		Trade Pkt.	Oz.
.....	.....\$0.15	\$0.25	
Paniculata. Perennial; graceful sprays of white flowers		......15	.60
Paniculata Fl. Pl. Perennial, with double white flowers. Per pkt., 15c.; 60c. per 5 pkts.			

HELENIUM

Autumnale Superbum. Perennial; large heads of golden yellow flowers\$0.25 \$1.50

HELIANTHUS. See Sunflower

HELICHRYSUM (Straw Flower)

The varieties offered below are all of the Monstrosum type, producing large and perfectly double flowers. Valuable for cutting or decoration, either when fresh or in their dried state.

Fireball. Crimson		Trade Pkt.	Oz.
.....	.....\$0.20	\$0.65	
Golden Ball. Golden yellow		......20	.65
Rose Carmine		......20	.65
Salmon Pink		......20	.65
Silver Ball. White		......20	.65
Violet		......20	.65
Choice Mixed		......15	.50

HELIOPSIS (Orange Sunflower)

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting\$0.15 \$0.60 (oe)

HELIOTROPE

Highly prized on account of the delightful fragrance of the flowers; excellent for pots or bedding. Trade Pkt. Oz.
Lemoine's Giant Hybrids. Immense flowers.. \$0.30 \$1.75
Regal. Dwarf large flowering40 1.75
Choice Mixed25 1.50

HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting \$0.40 \$2.25

HIBISCUS (Marshmallow)

Crimson Eye. White with crimson centre ... \$0.15 \$0.75
Golden Bowl. Yellow, with maroon centre .. .15 .75
Moscutos. Large pink flowers15 .50
New Giant (Mallow Marvel). Mixed..... .20 .60



Hollyhock—Chater's Double

HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade Pkt.	Oz.
Allegheny. Semi-Double Fringed Mixed	\$0.20	\$0.75
Chater's Double Maroon .....	.20	.75
“ “ Pink .....	.20	.75
“ “ Red .....	.20	.75
“ “ Salmon .....	.20	.75
“ “ White .....	.20	.75
“ “ Yellow .....	.20	.75
“ “ Mixed .....	.20	.60
Double Everblooming Mixed. Flowers the first year from seed .....	.25	1.00
Single Everblooming Mixed .....	.20	.60
Single Mixed .....	.15	.60

HONESTY (Lunaria)

Biennis Alba. Admired for its silvery seed panicles \$0.15 \$0.40

HUMULUS (Japanese Hop)

A rapid-growing annual climber; very ornamental.
Japonicus. Green foliage \$0.15 \$0.35
 “ **Variegatus.** Leaves mottled with white15 .35

HUNNEMANNIA (Giant Yellow Tulip Poppy)

Fumariaefolia. Excellent for cutting \$0.15 \$0.40

HYACINTH BEAN. See Dolichos.

IMPATIENS (Sultan's Balsam)

	Trade Pkt.	Oz.
Holsti. Vermilion red	\$0.40	
Holsti New Hybrids. Various colors .....	.40	
Sultani. Bright rose .....	.40	
Sultani Hybrida. Various colors .....	.40	

IPOMOEA

Grandiflora Superba. Blue, edged white	\$0.15	\$0.30
Heavenly Blue (Rubra Coerulea) .....	.20	.75
Noctiflora (Moon Flower). Lb., \$4.00; \$1.25		
¼ lb. ....	.15	.40
Quamoclit Hybrida (Cardinal Climber).....	.50	2.00
Setosa (Brazilian Morning Glory). Pink ...	.15	.30
Mixed .....	.15	.30

IRIS (Flowering Flag)

Kaempferi (Japanese Iris). Mixed colors.. \$0.15 \$0.50

KENILWORTH IVY

Linaria Cymbalaria. Flowers violet..... \$0.25 \$1.75

KOCHIA (Summer Cypress or Mexican Fire Bush)

Trichophylla. A very popular annual \$0.15 \$0.25

LANTANA

Dwarf Compact Mixed	\$0.15	\$0.60
Choice Mixed .....	.15	.40

LARKSPUR (Annual)

Dwarf Double Rocket. Mixed colors	\$0.15	\$0.25
Giant Hyaciuth Flowered. Mixed .....	.15	.50
Tall Stock Flowered Dark Blue .....	.15	.50
“ “ “ Lilac .....	.15	.50
“ “ “ Lustrous Carmine .....	.15	.50
“ “ “ Shell Pink .....	.15	.50
“ “ “ Sky Blue .....	.15	.50
“ “ “ White .....	.15	.50
“ “ “ Mixed .....	.15	.35

LATHYRUS LATIFOLIUS (Perennial Pea)

Crimson	\$0.15	\$0.50
Pink Beauty. Bright pink .....	.20	.75
White .....	.15	.60
Choice Mixed .....	.15	.50

LAVENDER

Lavendula Vera (True). Fragrant blue flowers. \$0.20 \$0.75

LEPTOSYNE

Maritima. Annual, with large, single yellow flowers \$0.30 \$1.25

LINARIA. See Kenilworth Ivy.

LINUM

Grandiflorum Rubrum (Scarlet Flax)..... \$0.15 \$0.25

LOBELIA

Barnard's Perpetual. Dwarf blue with white eye; trailing	\$0.30	\$1.75
Crystal Palace Compacta. Dwarf; dark blue. .30	2.00	
Crystal Palace Speciosa. Trailing; deep blue. .20	.75	
Emperor William. Dwarf; light blue ..... .30	1.50	
Gracilis. Light blue; trailing .....	.15	.75
Sapphire. Trailing variety; deep blue with white eye .....	.40	
White Gem. Pure white; dwarf .....	.30	1.50
Choice Mixed .....	.20	.75

LOBELIA PERENNIAL

Cardinalis (Cardinal Flower). Stately plants with spikes of cardinal red flowers..... \$0.40 \$2.25

LUPINUS (Annual)

A splendid annual for forcing in greenhouses. Long spikes of flowers which are showy, and keep well after cutting. An easy seller.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Pink	\$0.15	\$0.30	Scarlet, White Tipped	\$0.15	\$0.30
Rich Blue .15	.30		White .....	.15	.30
Sky Blue .15	.30		Mixed .....	.15	.25

LUPINUS—Perennial Varieties

Polyphyllus Blue	\$0.15	\$0.30
“ Roseus. Soft pink .....	.20	.75
“ Somerset. (New). Yellow ....	.30	1.75
“ White .....	.15	.30
“ Mixed. All colors .....	.15	.25

LYCHNIS

Chalcedonica. Scarlet cross-like flowers; 2 ft.	\$0.15	\$0.40
Haageana Hybrida. Mixed; various colors; 1 ft.	.40	2.25

MARIGOLD

Dwarf French Varieties		Trade Pkt.	Oz.
Gold Striped. Double; brownish red, striped yellow		\$0.15	\$0.50
Legion of Honour (Little Brownie). Single; golden yellow with spot of crimson velvet.	.15	.30	
Liliput. Very dwarf; mixed colors; fine for pots	.20	.60	
Dwarf French Mixed	.15	.30	
MARIGOLD—African Varieties			
El Dorado. Tall growing sort; double orange.	\$0.15	\$0.40	
Lemon Queen. Clear lemon yellow; double.	.15	.50	
Orange Beauty. Single; orange yellow	.20	.75	
Orange Prince. Rich orange yellow; double.	.15	.50	
Pride of the Garden. Golden yellow; dwarf.	.15	.40	
Tall Double Mixed	.15	.30	



Mignonette Micheli's Colossal

MIGNONETTE

Valuable for cutting on account of its fragrance.

	Trade Pkt.	Oz.
Allen's Defiance. Large spikes (¼ lb., \$1.25)	\$0.15	\$0.40
Bismarck. Large compact heads	.20	.60
Golden Machet. Large golden yellow	.15	.35
Goliath. Giant spikes; extra fine	.15	.50
Machet. Improved and selected (¼ lb., 75c.)	.15	.25
Michell's Colossal. One of the finest sorts for forcing. Colossal spikes, 18 to 24 in. high.	.40	6.00
Sweet Scented. Large flowering (¼ lb., 30c.)		.10
MIMOSA. See Sensitive Plant		

MARVEL OF PERU (Four o' Clocks)

	Trade Pkt.	Oz.
Mixed (¼ lb., 40c.)		\$0.15

MATRICARIA. See Feverfew

MATTHIOLA

Bicornis (Evening Scented Stock). Purplish		Trade Pkt.	Oz.
lilac		\$0.15	\$0.25

MAURANDIA

A splendid flowering plant for vases, baskets, etc.

	Trade Pkt.	Oz.
Barclayana. Purple	\$0.30	\$1.50
Choice Mixed	.25	1.25

MESEMBRYANTHEMUM

Cordifolium Variegatum. Pink flowers	\$0.40	
Crystallium (Ice Plant). White flowers	.15	\$0.40
Tricolor (Wax Plant). Various colors	.20	1.00

MIMULUS

Moschatus (Musk Plant). Yellow flowers	\$0.30	
Tigrinus (Monkey Flower). Mixed	.30	\$2.00

MOONFLOWER. See Ipomoea

MORNING GLORY. See Convolvulus

MUSA

Ensete (Abyssinian Banana) 50c. per 25 seeds; 100 seeds, \$1.25.



Myosotis—Alpestris Victoria

MYOSOTIS (Forget-Me-Not)

	Trade Pkt.	Oz.
Alpestris Victoria. Bright blue; dwarf	\$0.25	\$1.25
Dissitiflora. Deep blue	.40	2.50
Eliza Fanrobert. Blue; fine for pots	.25	1.25
Grandiflora Alba. White	.25	1.00
" Rosca. Pink	.25	1.00
Palustris. Heavy, robust plants; deep blue	.40	3.00
" Semperflorens. Everblooming; blue	.40	4.00
Royal Blue. Erect growing; blue	.30	1.50
Ruth Fischer. Flowers of true Forget-Me-Not blue	.50	
Choice Mixed	.15	.75

NEMESIA

Strumosa Suttoni. Annual; color, creamy white to deep orange and carmine	\$0.40	\$2.00
--	--------	--------

NICOTIANA (Ornamental Tobacco)

Affinis. Large white, fragrant flowers	\$0.15	\$0.35
" Hybrids. Mixed colors	.15	.50
Sanderae. Flowers carmine red	.15	.50

NIEREMBERGIA

Excellent for baskets, vases, or bedding out.

Frutescens. White, tinted with lilac	\$0.20	\$0.75
--------------------------------------	--------	--------

NIGELLA (Love in a Mist)

Damascena. Double mixed	\$0.15	\$0.25
Miss Jekyll. Beautiful clear blue	.15	.30

(oe)

NASTURTIUMS

DWARF OR TOM THUMB VARIETIES

	Oz.	¼ lb.	Lb.
Aurora. Rich yellow, veined carmine ..	\$0.15	\$0.40	\$1.25
Beauty. Yellow with scarlet veinings ...	.15	.40	1.25
Bronze. Burnished bronze color .....	.15	.40	1.25
Chameleon. Various colors on same plant	.15	.40	1.25
Cloth of Gold. Scarlet; yellow foliage ...	.15	.40	1.25
Crystal Palace Gem. Sulphur, spotted...	.15	.40	1.25
David Burpee Spencer. Deep scarlet...	.15	.50	1.50
Empress of India. Crimson; dark foliage	.15	.40	1.25
Geranium Leaved. Scarlet .....	.15	.50	1.50
Golden King. Golden yellow .....	.15	.40	1.25
Golden Queen. Yellow flowers and foliage	.15	.40	1.25
King of Tom Thumbs. Dark scarlet .....	.15	.40	1.25
King Theodore. Crimson maroon .....	.15	.40	1.25
Lady Bird. Yellow and red .....	.15	.40	1.25
Pearl. Creamy white .....	.15	.40	1.25
Pink .....	.15	.40	1.25
Prince Henry. Cream, spotted, tipped red	.15	.40	1.25
Queen of Tom Thumbs Crimson .....	.15	.40	1.25
Scarlet .....	.15	.40	1.25
Spotted. Rich yellow, spotted crimson..	.15	.40	1.25
Vesuvius. Salmon pink; dark leaved ...	.15	.40	1.25
Yellow .....	.15	.40	1.25
Choice Mixed .....	.15	.35	1.25
Golden Foliage Mixed .....	.15	.40	1.25
Ivy Leaved Mixed .....	.15	.40	1.25
Liliput Mixed. Very dwarf; good for pots	.15	.40	1.25
Michell's Giant Flowering Mixed .....	.20	.45	1.50
Queen of Tom Thumb Mixed. Silver variegated foliage, very showy.....	.15	.40	1.25

NASTURTIUMS—(Continued)

CLIMBING OR TRAILING VARIETIES

	Oz.	¼ lb.	Lb.
Chameleon. Various colors on same plant	\$0.15	\$0.40	\$1.25
Crimson .....	.15	.40	1.25
Hemisphaericum. Orange, salmon, scarlet	.15	.40	1.25
Jupiter. Yellow, crinkled petals .....	.15	.40	1.25
King Theodore. Crimson maroon.....	.15	.40	1.25
Orange .....	.15	.40	1.25
Pearl. Creamy white .....	.15	.40	1.25
Pink .....	.15	.40	1.25
Prince Henry. Creamy, spotted; tipped red .....	.15	.40	1.25
Scarlet .....	.15	.40	1.25
Vesuvius. Salmon pink; dark leaved ...	.15	.40	1.25
Yellow .....	.15	.40	1.25
Choice Mixed .....	.10	.30	1.50
Hybrids of Madame Gunther, Mixed ....	.15	.30	1.00
Ivy Leaved Mixed .....	.15	.40	1.25
Michell's Giant Flowering, Mixed.....	.20	.40	1.25
Queen of Talls, Mixed. Variegated foliage	.15	.40	1.25

LOBB'S TALL OR CLIMBING

	Oz.	¼ lb.	Lb.
Asa Gray. Yellowish white	\$0.15	\$0.40	\$1.50
Black Prince. Dark velvety crimson....	.15	.40	1.50
Brilliant. Glowing scarlet .....	.15	.40	1.50
Golden Queen. Golden yellow .....	.15	.40	1.50
Roi des Noirs. Dark garnet red .....	.15	.40	1.50
Spitfire. Brilliant scarlet .....	.15	.40	1.50
Choice Mixed. Lobb's varieties .....	.15	.35	1.25

NIGELLA (Love in a Mist)

	Trade Pkt.	Oz.
Damascena. Double mixed	\$0.15	\$0.25
Miss Jekyll. Beautiful clear blue .....	.15	.30

MICHELL'S GIANT PANSIES

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shadings.

GIANT STRAIN IN SEPARATE COLORS

	Trade Pkt.	Oz.	¼ lb.
Giant Prize. Azure Blue	\$0.40	\$4.00	\$14.50
" " Black Blue .....	.40	4.00	14.50
" " Emperor William. Blue..	.40	4.00	14.50
" " Hortensia Red .....	.40	4.00	14.50
" " King of the Blacks .....	.40	4.00	14.50
" " Lord Beaconsfield, Pur- ple violet .....	.40	4.00	14.50
" " Peacock. Blue, claret and White .....	.40	4.00	14.50
" " Snow Queen. Pure White	.40	4.00	14.50
" " Striped and Mottled ....	.40	4.00	14.50
" " White with Eye .....	.40	4.00	14.50
" " Pure Yellow .....	.40	4.00	14.50
" " Yellow with Eye .....	.40	4.00	14.50

REGULAR STRAIN IN SEPARATE COLORS

	Trade Pkt.	Oz.	¼ lb.
Belgian Striped	\$0.25	\$1.75	\$ 6.00
Emperor William. Blue .....	.25	1.75	6.00
Faust, or King of the Blacks .....	.25	1.75	6.00
Gold Margined. Purple, golden edge	.25	1.75	6.00
Havana Brown .....	.25	1.75	6.00
Lord Beaconsfield. Purple violet....	.25	1.75	6.00
Mahogany Colored .....	.25	1.75	6.00
Silver Edged. Purple, silver edge....	.25	1.75	6.00
Snow Queen. Pure white.....	.25	1.75	6.00
White with Eye .....	.25	1.75	6.00
Yellow Gem. Pure yellow .....	.25	1.75	6.00
Yellow with Eye .....	.25	1.75	6.00

GIANT FLOWERING PANSIES IN MIXTURE

Michell's Giant Exhibition, Mixed. A giant strain which we have secured from the leading Pansy specialists, both at home and abroad. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt.; trade pkt., 50c.; \$1.25 per ⅛ oz.; per ¼ oz., \$2.00; \$7.00 per oz.; ¼ lb., \$26.00.

	Trade Pkt.	Oz.	¼ lb.
Bugnot, Odier and Cassier, Mixed.....	\$0.50	\$5.00	\$18.00
Giant Trimardeau, Mixed. Very large..	.30	3.00	11.00



Michell's Giant Exhibition Pansy

Triumph of the Giants, Mixed. Produces on long stems flowers of immense size; many beautiful rich and rare shades. 60c. per ½ trade pkt.; trade pkt., \$1.00; \$2.25 per ¼ oz.; per oz., \$8.00; \$30.00 per ¼ lb.

	Trade Pkt.	Oz.	¼ lb.
Mad. Perret. Especially rich in red shades	\$0.50	\$3.50	\$13.00
Masterpiece (Frilled Pansy). Choice colors .....	.50	5.00	18.00
Odier or Blotched. A distinct fine strain	.50	3.50	13.00
Parisian Large Stained. Large flowering	.50	3.00	11.00
Finest English Mixed. Large flowering	.25	1.50	5.00
Very Fine Mixed .....	.20	1.25	4.50

(oe)

PENTSTEMON

	Trade Pkt.	Oz.
Sensation. Annual variety; mixed colors....	\$0.30	\$3.00
Mixed. Hardy perennial; large spikes .....	.15	.60

PETUNIA—Single Flowering

	½ Trade Pkt.	Trade Pkt.	Oz.
California Giants. Immense flowers ..	\$0.30	\$0.50	
Dwarf Inimitable. Striped and blotched ..	.30	.50	\$1.50
Grandiflora Fringed. All colors (⅓ oz., \$2.00) .....	.30	.50	
Monstrosus (Michell's). Extra large ..	.60	1.00	
Rosy Morn. Dwarf; rose colored .....	.30	.50	2.00
Ruffled Giants. Large; mixed colors ..	.30	.50	
Snowball. Dwarf; pure white .....	.30	.50	1.50
Star. Crimson maroon; white star ....	.30	.50	1.50
Choice Mixed. Striped and blotched...	.25	1.00	
Fine Mixed. All colors .....	.15	.75	

DOUBLE FLOWERING

Double Fringed White .....	.60	1.00
Double Fringed Mixed. Per 500 seeds		
75c.; \$1.50 per 1,000 seeds.		

PHLOX DRUMMONDII

DWARF OR COMPACT VARIETIES

	½ Trade Pkt.	Trade Pkt.	Oz.
"Cecily." Large flowering mixed....	\$0.30	\$0.50	\$1.75
Fireball. Brilliant scarlet .....	.25	.40	2.00
Pink .....	.25	.40	2.00
Snowball. Pure white .....	.25	.40	2.00
Choicest Mixed .....	.25	.40	1.50

PHLOX—GRANDIFLORA VARIETIES

Alba. Pure white .....	.25	1.25
Coccinea. Scarlet .....	.25	1.25
Pink .....	.25	1.25
Stellata Splendens. Scarlet, with white eye..	.25	1.25
Choicest Mixed .....	.20	1.00

PHLOX—VARIOUS SORTS

Fine Mixed .....	.15	.75
Hardy (Decussata). Choice mixed .....	.30	1.75

PHYSOSTEGIA

Perennial, border plant, bearing freely delicate tubular flowers.

	Trade Pkt.	Oz.
Virginica. Pink	\$0.20	\$0.75
Virginica Alba. White .....	.25	1.25

PINKS. See Carnation and Dianthus.



Platycodon, Grandiflorum

PLATYCODON (Chinese Bell Flower)

A very desirable perennial; handsome for garden decoration; bell shaped flowers.

	Trade Pkt.	Oz.
Grandiflorum, Blue	\$0.25	\$1.25
Grandiflorum, White .....	.25	1.25
Japonicus Fl. Pl. Double blue .....	.40	2.50

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, for pot culture or the garden.

	Trade Pkt.	Oz.
Gold Laced. Very showy	\$0.40	
Double Mixed .....	.50	
English. Single mixed .....	.25	\$2.00



Oriental Poppy

POPPY

DOUBLE ANNUAL VARIETIES

	Trade Pkt.	Oz.
Carnation Flowered. Mixed ... (¼ lb., 50c.)		\$0.15
Crimson King. Crimson	\$0.15	.25
Fairy Blush. White, fringed and tipped with rose .....	.15	.25
Mikado. (Striped Japanese) .....	.15	.25
Paeony Flowered, Scarlet .....	.15	.25
" " White .....	.15	.25
" " Yellow .....	.15	.25
" " Mixed .....	.15	.25
Shirley. Mixed colors .....	.15	.25

POPPY—SINGLE ANNUAL VARIETIES

Admiral. Pure white with scarlet edge	\$0.15	\$0.25
Danebrog. Scarlet with white spots .....	.15	.25
King Edward. Scarlet, shaded black .....	.15	.30
Maid of the Mist. White, fringed flowers .....	.15	.30
Miss Sherwood. Chamois rose .....	.15	.25
Shirley. Large flowers of many beautiful colors and shades .....	.15	.25
Tulip. Glowing scarlet .....	.15	.35
Umbrosium. Rich vermilion .....	.15	.25

POPPY—PERENNIAL VARIETIES

Giant Scarlet	\$0.15	\$0.50
Iceland (Nudicaule). White .....	.25	1.25
" Yellow .....	.25	1.25
" Double Mixed .....	.25	1.50
" Single Mixed .....	.15	.75
Orientele. Deep scarlet .....	.15	.75
" Beauty of Livermere. Crimson with black blotch .....	.40	2.50
" Mrs. Perry. Rich salmon pink...	.40	2.50
" Hybrids. Mixed colors .....	.25	1.25

(oe)



Primula Malacoides

MICHELL'S "DISTINCTIVE" PRIMROSES

PRIMULA CHINENSIS FIMBRIATA

It is with no little amount of pride we offer this superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact; individual and clusters of flowers immense; colors superb, and mostly fringed petals. Our strain cannot be surpassed.

	Trade Pkt.	Trade Pkt.
Alba Magnifica. White . . . (1/2 oz., \$1.50)	\$0.60	\$1.00
Chiswick Red. Bright red . . (3/2 oz., \$1.75)	.60	1.00
Duchess. Large, white with zone of rosy carmine, yellow eye (3/2 oz., \$1.75)	.60	1.00
Holborn Blue (3/2 oz., \$2.25)	.60	1.00
Kermesina Splendens. Crimson (1/2 oz., \$1.75)	.60	1.00
Pink Pearl (New). Brilliant. Pkt., 40c.		
Rosy Morn. Pink (3/2 oz., \$2.25)	.60	1.00
Sutton's Stellata. (Star Primrose). Excellent pot plant; mixed. Original pkt., 75c.		
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains (1/2 oz., \$3.00)	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	Trade Pkt.
Alba. White	\$0.50
Kermesina. Deep crimson . . . . .	.50
Lilacina. Pale lilac . . . . .	.50
Rosea. Pink . . . . .	.50
Hybrida Mixed (1/2 oz., \$1.25)	.50

PRIMULA OBCONICA GRANDIFLORA

Fimbriata. Fringed flowers; mixed colors	\$0.50
Vesuvius. Deep crimson . . . . .	.50

PRIMULA VARIOUS SORTS

	Trade Pkt.	Oz.
Kewensis. (Verbena Scented Yellow Primrose). Of strong, vigorous growth; long spikes of large, soft yellow flowers (1/2 oz., \$1.50)	\$0.50	
Malacoides. Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing; color, light lilac (1/2 oz., \$1.00)	.50	
Malacoides Alba. Pure white (1/2 oz., \$1.25)	.50	
Malacoides Alba Plena (New). Double white flowers. Per pkt., 60c.		
Malacoides Superba. Large flowers of a deep rosy pink color. Orig. pkt., 20c.; 55c. per 3 pkts.		
Veris (Cowslip). Mixed (Oz. \$1.50)	.25	
Vulgaris (English Yellow Primrose) (Oz., \$1.50)	.25	

PORTULACA

	Trade Pkt.	Oz.
Double. Large flowering, mixed	\$0.30	\$1.50
Single. Large flowering, mixed . . . . .	.15	.50

PUERARIA (Kudzu Vine)

Thunbergiana. Perennial climber; rosy purple pea-shaped flowers	\$0.15	\$0.50
---	--------	--------

PYRETHRUM

FOLIAGE SORTS FOR BEDDING

Aureum (Golden Feather). Yellow foliage	\$0.15	\$0.50
---	--------	--------

PYRETHRUM—FLOWERING SORTS (Perennial)

Roseum. Pink	\$0.40	\$2.00
Uliginosum. (Giant White Daisy) . . . . .	.40	
Hybridum. Single mixed . . . . .	.30	1.50
" Double Mixed . . . . .	.50	

RHODANTHE (Everlasting Flower)

Double Pink. Fine for cutting; annual	\$0.40	\$2.25
Mixed. Hardy annual . . . . .	.15	.60

RICINUS (Castor Oil Bean)

	Oz.	1/4 lb.
Borboniensis. Green foliage; 15 feet	\$0.15	\$0.50
Cambodgensis. Bronzy maroon; 5 feet . . . . .	.15	.50
Gibsoni. Dark red; 5 feet . . . . .	.15	.50
Sanguineus. Blood-red stalks; 8 feet . . . . .	.10	.30
Zanzibariensis. Large; various colors; 12 feet . . . . .	.15	.50
Mixed. All sorts (Lb., \$1.00)	.10	.30

RUDBECKIA (Cone Flower)

	Trade Pkt.	Oz.
Bicolor Superba. Yellow flowers, brown centre	\$0.15	\$0.40
Newmani. Hardy perennial; yellow . . . . .	.30	1.50
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers . . . . .	.25	1.25

SALPIGLOSSIS

Crimson and Gold	\$0.30	\$1.25
Primrose . . . . .	.30	1.25
Purple and Gold . . . . .	.30	1.25
Rose and Gold . . . . .	.30	1.25
Scarlet and Gold . . . . .	.30	1.25
White and Gold . . . . .	.30	1.25
Choice Mixed . . . . .	.20	.75
Emperor. Choice mixed; large flowering . . . . .	.25	1.00

SALVIA (Flowering Sage)

	Trade Pkt.	Trade Pkt.	Oz.
America, or Globe of Fire. Dwarf	\$0.30	\$0.50	\$4.00
Bonfire (Clara Bedman) Med. dwarf . . . . .	.25	.40	2.50
Patens. Blue . . . . .	.30	.50	
Splendens (Scarlet Sage) . . . . .	.25	.50	1.50
Zurich. Dwarf; early flowering . . . . .	.30	.50	4.00
Farinacea. Perennial; light blue . . . . .	.25	.50	1.25

SCABIOSA (Mourning Bride)

	Trade Pkt.	Oz.
Grandiflora, Azure Fairy. Light blue	\$0.15	\$0.60
" Cherry Red . . . . .	.15	.60
" Crimson . . . . .	.15	.60
" Flesh Pink . . . . .	.15	.60
" King of the Blacks. Deep purple . . . . .	.15	.60
" Pompadour. Purple and white . . . . .	.15	.60
" Rose . . . . .	.15	.60
" White . . . . .	.15	.60
" Choice Mixed . . . . .	.15	.40
Dwarf Double Mixed . . . . .	.15	.40
Caucasica. Perennial; lilac . . . . .	.40	2.25
" Alba. White . . . . .	.40	2.25
Japonica. Perennial; lavender blue . . . . .	.15	.50

(oe)

MICHELL'S "DISTINCTIVE" STOCKS

Stocks are invaluable, and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "Distinctive" strains, which are easily distinguished by their superior quality, strong germination, and a remarkably small percentage of single flowers.

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect. The type is of Cut-and-Come-Again, but much superior to what is usually known by that name.

	½ Trade Pkt.	Trade Pkt.	Oz.
Blood Red	\$0.30	\$0.50	\$3.00
Dark Blue .....	.30	.50	3.00
Flesh Pink .....	.30	.50	3.00
Light Blue .....	.30	.50	3.00
Rose Pink .....	.30	.50	3.00
White .....	.30	.50	3.00
Mixed Colors .....	.30	.50	2.50

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms, which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes direct from the originator.

	½ Trade Pkt.	Trade Pkt.	Oz.
Abundance. Dwarf, spreading habit; color carmine-rose	\$0.30	\$0.50	\$3.00
Beauty of Nice. Charming delicate pink .....	.30	.50	2.50
Crimson King. Deep red .....	.30	.50	2.50
La Brillante. Large flowers; rich brilliant crimson .....	.30	.50	2.50
Midsummer Night. Deep dark violet .....	.30	.50	2.50
Mont Blanc. Pure white .....	.30	.50	2.50
Queen Alexandra. Delicate lavender .....	.30	.50	2.50
Choice Mixed. All colors .....	.30	.50	2.00

LARGE FLOWERING DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact plants with fine spikes of double flowers.

	½ Trade Pkt.	Trade Pkt.	Oz.
Blood Red	\$0.25	\$0.40	\$2.25
Light Blue .....	.25	.40	2.25
Pink .....	.25	.40	2.25
Purple Violet .....	.25	.40	2.25
White .....	.25	.40	2.25
Yellow .....	.25	.40	2.25
Mixed .....	.25	.40	2.00

SCHIZANTHUS (Butterfly Flower)

	Trade Pkt.	Oz.
Grandiflorus Maximus. Extra large; various colors. Pkt., 20c.; 55c. per 3 pkts.		
Hybrid Grandiflorus. Dwarf, large; mixed	\$0.15	\$0.75
Pink Beauty (New). A beautiful shade of rose pink. Pkt., 35c.; \$1.00 per 3 pkts.		
Wisetonensis. Various colors; fine for pots .....	.30	1.50
Mixed. All colors .....	.15	.30

SENSITIVE PLANT (Mimosa)

Pudica. Flowers pinkish white	\$0.15	\$0.40
-------------------------------------	--------	--------

SHAMROCK

True Irish	\$0.20	\$0.75
------------------	--------	--------

SMILAX (Myrsiphyllum Asparagoides)

A desirable greenhouse climber of great value for floral decoration. Trade pkt., 15c.; 30c. oz.; ¼ lb., \$1.00; \$3.75 lb.

SNAPDRAGON See Antirrhinum.

SOLANUM

	Trade Pkt.	Oz.
Capsicastrum (Jerusalem Cherry). Scarlet berries	\$0.15	\$0.35
Cleveland Cherry (New). A grand acquisition to this class of plants; grows more compact than the above, and produces the scarlet berries in greater profusion (½ trade pkt., 60c)	1.00	
Fra Diavolo. Of dwarf, compact growth; leaves and fruit smaller than above .....	.15	.50

STATICE (Everlasting Flower)

Latifolia. Perennial; large, deep blue flowers	\$0.25	\$1.25
--	--------	--------



Stock, Michell's Flower Market

STOCKS (Various Sorts)

	½ Trade Pkt.	Trade Pkt.	Oz.
Brompton or Winter. Mixed	\$0.30	\$0.50	\$3.00
Princess Alice (Cut-and-Come-Again). Of branching habit; pure white; excellent for cutting .....	.30	.50	3.00
Virginian. Mixed .....		.15	.25

STEVIA

	Trade Pkt.	Oz.
Serrata. Fragrant white flowers	\$0.25	\$1.00

STOKESIA (Cornflower Aster)

One of the most desirable hardy perennial plants for the border, and excellent for cutting.

	Trade Pkt.	Oz.
Cyanca. Lavender blue	\$0.25	\$1.25
Cyanca Alba. Pure white .....	.25	1.25

STRAWFLOWER See Helichrysum.

SUNFLOWER (Helianthus)

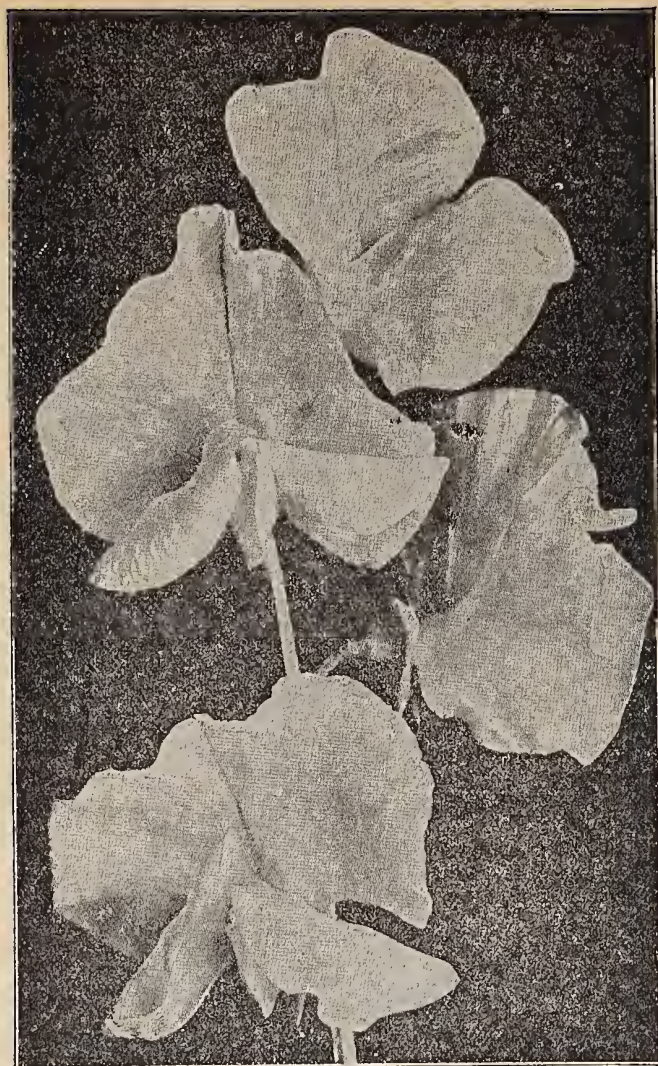
ANNUAL VARIETIES

Chrysanthemum Flowered. Double yellow	\$0.15	\$0.25
Cucumerifolius (Miniature Sunflower). Single yellow .....	.15	.30
Cut-and-Come-Again. Single yellow .....	.15	.30
Dazzler (New). Rich chestnut red, tipped orange, with darker centre. Pkt., 30c.		
Double Globe (Globosus Fistulosus). Yellow .....	.15	.25
Dwarf Double (Globe of Gold). Deep yellow .....	.15	.25
New Red. Extra large flowers; some are rich chestnut red, others tipped with yellow .....	.20	.75
Oscar Wilde. Yellow, with black centre .....	.15	.25
Russian. Large yellow; single .....		.05
Starlight. Cactus flowered; yellow; single .....	.25	1.00
Stella. Single yellow, black centre .....	.15	.30

SUNFLOWER—PERENNIAL VARIETIES

Golden Bouquet. Perennial yellow	\$0.25	\$1.00
Choice Mixed. Single flowered .....	.30	1.50

(oe)



Sweet Pea, Rose Queen

EARLY or Winter Flowering Spencer Sweet Peas

	Oz.	¼ lb.	Lb.
Asta Ohn. Identical in color and size of blossom to the late flowering Asta Ohn; a fine lavender	.85	3.00	10.00
Blue Bird. A charming shade of blue	1.00	3.50	12.00
Cherry Ripe. This might be described as a glowing cherry or salmon cerise	1.00	3.50	12.00
Daybreak. Flowers much frilled or waved; color, rose pink on cream ground	.85	3.00	10.00
Enchantress. Bright rose pink, shading deeper toward the edges	.85	3.00	10.00
Fire King. Color, fire-red or cerise-scarlet, or it may be described as a deep orange scarlet	1.00	3.50	12.00
Heather Bell. Flowers large, borne in threes and fours on long, stout stems. Color, a rich mauve lavender	.85	3.00	10.00
Helen Lewis. A fine shade of orange pink	.75	2.50	8.00
Hercules. Flowers are of extra large size, of good substance and beautifully waved; color soft rose pink	.85	3.00	10.00
Illumination. Flowers of large size; color, salmon-cerise, suffused orange	1.00	3.50	12.00
Lavender King. Rich, true, deep lavender throughout; of large size and well waved	.85	3.00	10.00
Lavender Pink. Flowers very large	.85	3.00	10.00
Liberty. A rich, deep sunproof crimson. Flowers large and well waved	.85	3.00	10.00

EARLY or Winter Flowering Spencer

Sweet Peas (Continued)

	Oz.	¼ lb.	Lb.
Mauve Beauty. Color, a pleasing shade of rosy mauve; of large size	\$0.85	\$3.00	\$10.00
Meadow Lark. A rich cream variety; many of the flowers are duplexed, and borne in fours and threes	.85	3.00	10.00
Melody. Color rose pink on white ground. Flowers are borne on long stems and mostly four large, well-waved blossoms to each stem	.75	2.50	8.00
Morning Star. Deep orange scarlet or flame color in standard, with rich orange pink wings	.75	2.50	8.00
Mrs. A. A. Skaach. Flowers very large; color, a beautiful clear bright pink	.85	3.00	10.00
Mrs. M. Spanolin. Black seeded; pure white; free bloomer	.85	3.00	10.00
Mrs. William Sim. Salmon pink	.85	3.00	10.00
Pink Beauty. Color, soft rose pink on white ground; richer toward edges	1.00	3.50	12.00
Pink and White. Similar in color to Christmas Pink, but produces larger flowers on longer stems	.75	2.50	8.00
Primrose Beauty. Deep primrose flushed with rose; of large size	.75	2.50	8.00
Red Orchid. Bright, cherry red	.75	2.50	8.00
Rose Queen. One of the finest varieties. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color a most attractive shade of pink.			
Greenhouse grown seed	3.00	10.00	35.00
Outdoor grown seed	1.25	3.50	12.00
Sankey. An extra fine black seeded, white variety	.85	3.00	10.00
Snow Flake. Large and of the best waved Spencer form. The pure white flowers are borne in wonderful profusion on long stems	.85	3.00	10.00
Snowstorm. One of the best early flowering white Sweet Peas to date; immense flowers usually borne in fours	1.00	3.50	12.00
Song Bird. A pale pink variety	.85	3.00	10.00
Songster. An excellent variety; color, a pleasing lavender shade, flowers large and nicely waved	.75	2.50	8.00
Spring Maid. A handsome variety; color, light pink on a cream ground	.85	3.00	10.00
Venus. Standard white, slightly blushed pink; wings white; free bloomer	.85	3.00	10.00
Warbler. Flowers large and beautiful in form; rich mauve purple	.25	2.50	8.00
White Orchid. Pure white	.75	2.50	8.00
Yarrowa. Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings	.75	2.50	8.00
Zephyr. A delightful shade of pale blue or lavender; it might be described as a silvery blue self	.75	2.50	8.00
Mixed Winter Flowering Spencer	.60	2.50	7.00

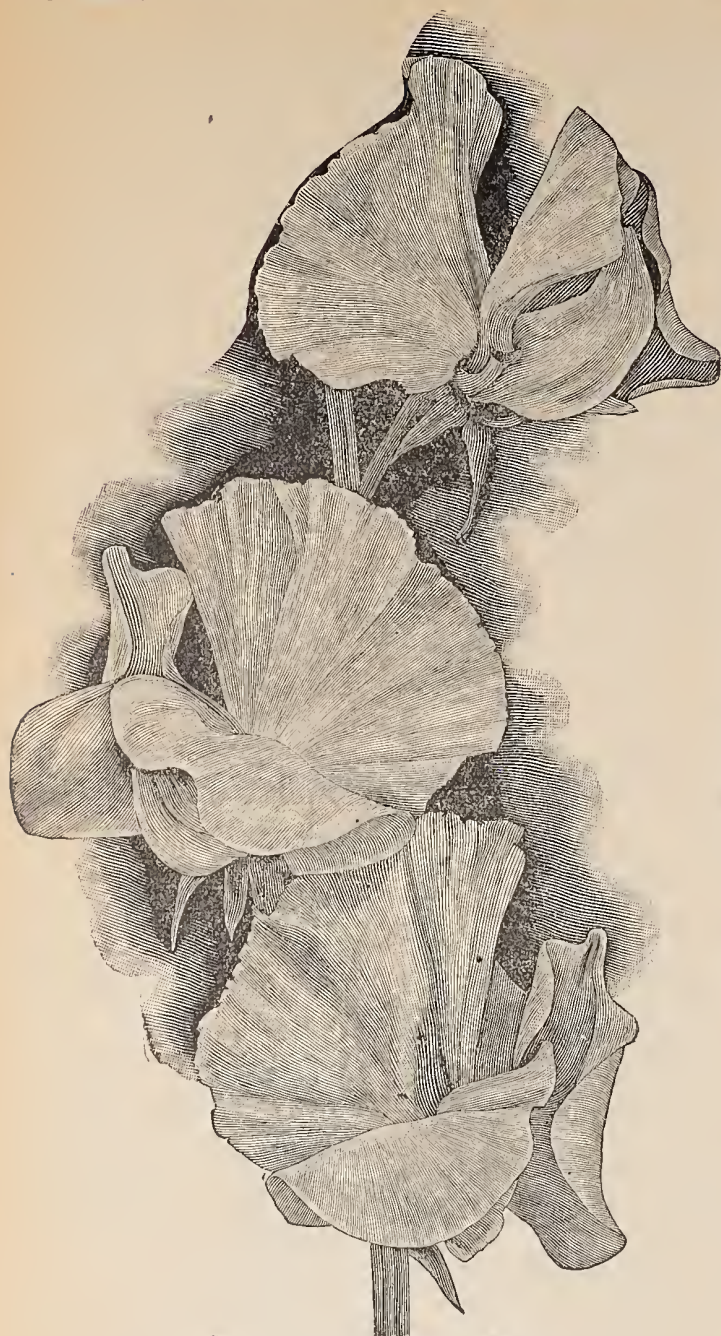
WINTER FLOWERING GRANDIFLORA SWEET PEAS

	Oz.	¼ lb.	Lb.
Christmas Meteor. Scarlet	\$0.20	\$0.60	\$2.00
" Pink. Pink and white	.20	.60	2.00
" White	.20	.60	2.00
Earliest of All. Pink and white	.20	.60	2.00
Lavender Nora. A large flowering variety of the Unwin type	.30	1.00	3.50
Le Marquis. Large dark blue	.20	.60	2.00
Mitchell's Snowdrift. Pure white; black seeded; extra early	.20	.60	2.00
Mrs. P. J. Lelansky. Daybreak pink	.20	.60	2.00
Mixed. Christmas or winter flowering	.15	.50	1.50

(oe)

MICHELL'S SWEET PEAS

For forcing in greenhouse the varieties named below should be sown the latter part of December or in January, coming into bloom in April and May. For early spring blooming outdoors we recommend sowing seed the latter part of November.



Spencer or Orchid Sweet Peas

SPENCER OR ORCHID VARIETIES

	Oz.	¼ lb.	Lb.
Apple Blossom Spencer. Rose and pink	\$0.25	\$0.75	\$2.75
Asta Ohn Spencer. Rich lavender	.25	.75	2.75
Blanche Ferry Spencer. Pink and white	.25	.75	2.75
Captain of the Blues Spencer. Standard purple, wings blue	.25	.75	2.75
Constance Hinton. White; black seeded	.30	1.00	3.50
Countess Spencer. A lovely clear pink.	.20	.75	2.50
Fiery Cross. Intense orange scarlet.	.50	1.50	5.50
Flora Norton Spencer. Light lavender.	.25	.75	2.75
Florence Morse Spencer. Delicate blush, with pink margin	.25	.75	2.75
Florence Nightingale. Large; lavender	.25	.75	2.75
Helen Lewis. Orange pink	.25	.75	2.75
Helen Pierce Spencer. White mottled blue	.30	1.00	3.00

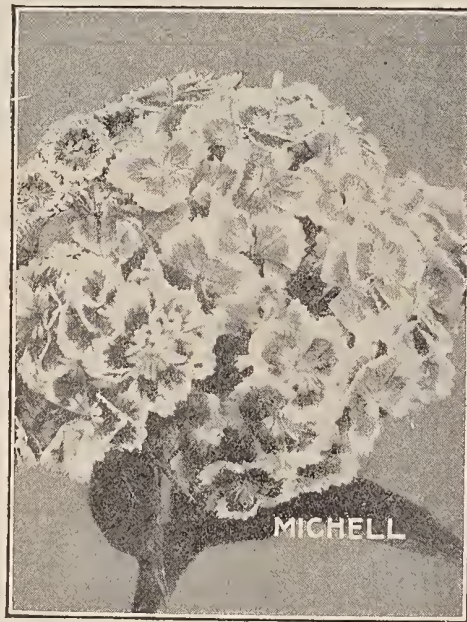
SPENCER OR ORCHID VARIETIES (Continued)

	Oz.	¼ lb.	Lb.
Henrietta. Rose pink on cream ground	\$0.40	\$1.25	\$4.50
Hercules. Giant pure pink	.30	1.00	3.00
Illuminator. Rich salmon pink	.30	1.00	3.00
King Edward Spencer. Crimson scarlet	.25	.75	2.75
King Manoel. Rich maroon	.30	1.00	3.00
King White. Extra large; pure white	.40	1.25	4.00
Margaret Atlee. Light salmon pink on cream ground	.30	1.00	3.50
Nora Unwin. Large, pure white	.15	.50	1.50
Othello Spencer. Deep maroon	.25	.75	2.75
Primrose Spencer. Light yellow	.25	.75	2.75
Rosabelle. Giant rose	.25	.75	2.75
Royal Purple. Rich purple	.30	1.00	3.00
Stirling Stent. Salmon, suffused orange	.40	1.25	4.50
Vermilion Brilliant. Intense scarlet	.30	1.00	3.00
Wedgewood. A lovely self blue	.30	1.00	3.00
White Spencer. Pure white	.25	.75	2.50
Michell's Superb Spencer Mixture	.15	.50	1.60

GRANDIFLORA VARIETIES

	Oz.	¼ lb.	Lb.
Blanche Ferry. Pink and white	\$0.15	\$0.40	\$1.40
Dorothy Eckford. Extra large white	.15	.40	1.40
Flora Norton. Delicate lavender	.15	.40	1.40
Hon. Mrs. E. Kenyon. Primrose yellow	.15	.40	1.40
King Edward VII. Crimson scarlet	.15	.40	1.40
Lady Grisel Hamilton. Pale lavender	.15	.40	1.40
Lord Nelson. Rich navy blue	.15	.40	1.40
Lovely. Soft shell pink	.15	.40	1.40
Miss Willmott. Deep orange pink	.15	.40	1.40
Othello. Dark maroon	.15	.40	1.40
Prima Donna. Soft pink	.15	.40	1.40
Queen Alexandra. Large scarlet	.15	.40	1.40
Michell's Gilt-Edge Mixture	.10	.20	.60

For Winter Flowering Spencer Sweet Peas, see page 31.



Sweet William

SWEET WILLIAM (Dianthus BarbatuS)

	Trade Pkt.	Oz.
Auricula Flowered. Single mixed	\$0.15	\$0.60
Single Crimson	.15	.60
Single Pink Beauty. Large flowers; salmon pink	.30	1.25
Single Scarlet Beauty. Intense, rich deep scarlet	.30	1.50
Single Velvety Maroon	.15	.50
Single White	.15	.50
Single Mixed. All colors (¼ lb., \$1.25)	.15	.40
Double Mixed. All colors	.15	.75

All Prices Subject to Market Changes

SWEET ROCKET (Hesperis)

Mixed. Perennial; purple and white..... Trade Pkt. Oz.
 \$0.15 \$0.30

SWEET SULTAN (Centaurea Moschatus)

Mixed. Annual; fragrant flowers, resembling
 "Bachelor's Buttons" \$0.15 \$0.50

THUNBERGIA (Black-Eyed Susan)

Mixed \$0.15 \$0.60

TORENIA

Fournieri Grandiflora. Blue..... \$0.40 \$2.50



Michell's Mammoth Fancy Verbena

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue	\$0.30	\$1.50
" " " Pink .....	.30	1.50
" " " Scarlet .....	.30	1.50
" " " Striped .....	.30	1.50
" " " White .....	.30	1.50
" " " Mixed .....	.30	1.00
Mammoth Lucifer. Deep cardinal red .....	.40	2.00
New Giant Flowered Mixed. A new variety of large size with extra large, white eyes.....	.50	2.00
Grandiflora Mammoth, Rose Queen. Pkt. 30c.		
" " Scarlet Queen. Pkt. 30c.		
" " Snow Queen. Pkt. 30c.		
Mammoth Choice Mixed .....	.25	.75
Fine Mixed .....	.20	.60
Lemon Scented. (Aloysia Citriodora).....	.40	2.25

VINCA

	Trade Pkt.	Oz.
Alba. White, with rose centre	\$0.15	\$0.75
Alba Pura. Pure white .....	.15	.75
Rosea. Pink .....	.15	.75
Mixed .....	.15	.60

VIOLA CORNUTA (Tufted Pansies)

Admiration. Dark blue	\$0.40	\$2.25
Mauve Queen. Lovely mauve color .....	.40	2.25
Perfection. Light blue .....	.40	2.25
White Perfection. Pure white .....	.40	2.25
Mixed. All colors .....	.30	1.75

VIOLA (Scotch Bedding Pansies)

Very free flowering; produce larger flowers than the Cornuta varieties.

	Trade Pkt.	Oz.
Golden Gem. Yellow	\$0.40	\$2.25
Lutea Splendens. Yellow .....	.30	1.75
Snowflake. Pure white .....	.40	2.25
Mixed. From best-named Scotch varieties ...	.50	

WALL FLOWER

Double Brown	(1/4 oz., \$1.50)	\$0.40
" Yellow	(1/4 oz., \$1.50)	.40
" Mixed .....		.40
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		\$5.00
Paris Extra Early Blood Red .....	.15	.50
" " " Yellow .....	.15	.50
" " " Mixed .....	.15	.40
Single Mixed .....	.15	.25

XERANTHEMUM (Everlasting Flower)

Double Mixed. Annual, for winter bouquets.. \$0.15 \$0.50

MICHELL'S "DISTINCTIVE" ZINNIAS

Dwarf Double Crimson	\$0.15	\$0.50
" " Pink .....	.15	.50
" " Salmon Rose .....	.15	.50
" " White .....	.15	.50
" " Scarlet .....	.15	.50
" " Yellow .....	.15	.50
" " Mixed .....	.15	.35
Tall Double Crimson .....	.15	.50
" " Orange .....	.15	.50
" " Pink .....	.15	.50
" " Scarlet .....	.15	.50
" " White .....	.15	.50
" " Yellow .....	.15	.50
" " Mixed .....	.15	.35

ROBUSTA OR GIANT ZINNIAS

Crimson .....	.30	1.00
Flesh Color .....	.30	1.00
Golden Yellow .....	.30	1.00
Purple .....	.30	1.00
Scarlet .....	.30	1.00
Sulphur Yellow .....	.30	1.00
Violet .....	.30	1.00
White .....	.30	1.00
Choicest Mixed .....	.20	.75

VARIOUS ZINNIAS

Curled and Crested. Double mixed .....	.15	.50
Giant Picotee (New). A very attractive variety; large double flowers; mixed color....	.50	3.00
Giant Rose King. Carmine rose. Pkt., 30c.		
Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet .....	.20	.75
Zebra, or Striped. Double .....	.15	.50

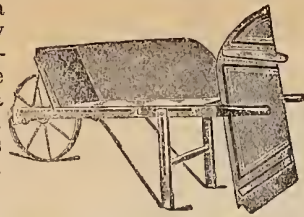
MIXED OR WILD FLOWER GARDEN SEEDS

A mixture containing nearly 100 varieties of easy growing and interesting flowers. Lb., \$1.25; 15c. per oz. (oe)

WHEELBARROWS

MICHELL'S SPECIAL GREENHOUSE

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 ins., which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$13.



Special Greenhouse Barrow

OTHER WHEELBARROWS

	No.	Tire in.	Lgth. in.	Depth in.	Width in.	Price
Eastern	3	1 1/2	28	11	22	\$8.00
"	4	3	26 1/4	11 1/2	27	9.00
"	5	3	28 1/4	11 3/4	27	10.00

Boys' size 2 2 21 3/4 9 1/4 20 7.00
Canal—Side dump (bolted).... 6.50

The "Eastern Style" is substantially built, carefully braced and bolted.

SOIL CRUSHER AND SOD PULVERIZER

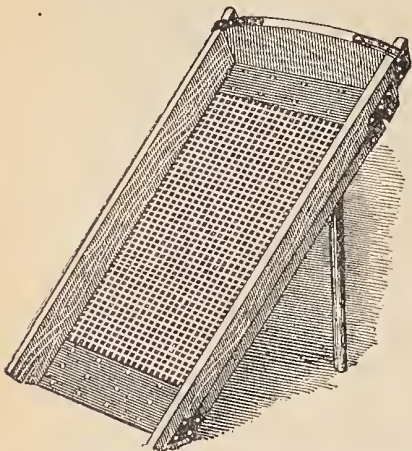
The machines are equipped with a hopper and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift.

No. 1, \$21.00|No. 2, \$31.50|No. 3, \$42.00

SIEVES (Any Size Mesh)

Made extra well, of galvanized wire and hardwood.

20 inch Foundry (extra heavy)..\$1.40
20 " Regular wire 1.50
18 " " " 1.40



Large Upright Sieve, for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire. \$12 ea.

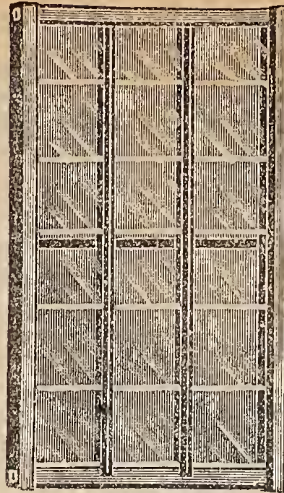
WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No. Each
6. Single drawer, 12 in. long..\$2.00
7B. 20 in., single drawer, Brussels carpet cover 5.00
10. Three drawers 8.50
Lehman Coal for Wagon Heaters, 90c. per doz. bricks; per 100, \$6.50.
Tongs for Handling Hot Coals, 35c.

HOT BED SASH

Made of best quality cy-press 1 3/4 in. thick; 3 ft. 1 1/2 in. wide, 6 ft. long. Made for 8x10 in. glass, 4 lights wide, bedded in putty. (Illustration shows only 3 lights.)



Plain, regular style, not glazed or painted.

Each \$3.35; \$38 per doz.

Glazed, regular style, including painting and puttying. Each, \$7.00; \$80.00 per doz.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

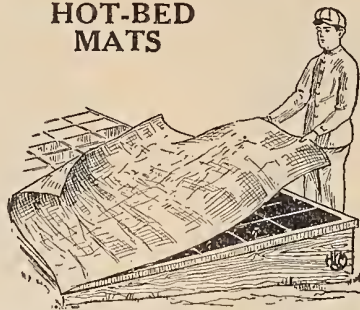
SUNLIGHT SASH

(Double Glass)

Plain Unglazedeach, \$4.75
Glazed and Paintedeach, 13.00

Packing Charges on Regular Style and Sunlight Glazed Sash, 50c. per sash.

HOT-BED MATS



The "Drill Style" are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Non-Waterproof. 76x76 inches, covering two regular size sash. Each, \$4.25; doz., \$48.00.

Non-Waterproof. 40x76 inches, for one sash. Each, \$3.00; doz., \$30.00.

Waterproof Drill. 40x76 inches. \$3.50 each; doz., \$33.00.

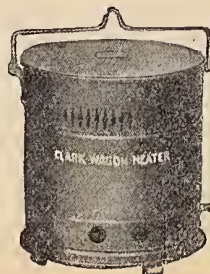
Waterproof Drill. 76x76 inches. \$4.75 each; doz., \$52.00.

Straw Mats. 3x6 feet.....\$1.75

Straw Mats. 6x6 feet..... 3.25

CLARK WAGON HEATER

This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price \$3.00 each.



BELLOWS



P. P. Weight
Large Double Cone.....5 lbs. \$6.00
Large Single Cone.....3 " 4.00
Small Single Cone.....2 " 2.75
Liquid Spraying—small, \$3.50,
large 4.00
Sulphur Bellows 3.50
Sulphur Blower 7.00

VAPORIZING LAMP



Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen, Nico-Fume and other preparations of this sort. 75c. each; doz., \$8.00. P. P. weight, 1 lb.

IRON PLANT STANDS

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each
12 inches	\$1.25
18 "	1.40
24 "	1.75
30 "	2.00
36 "	2.15
42 "	2.25



SUPERIOR STYLE

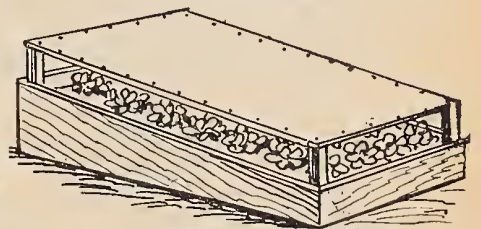
Can be tilted to set your plant at any angle desired to produce the proper decorative effect. Enameled green.

Inch	Size of Plates	Price Each	Inch	Size of Plates	Price Each
12	.5x7	\$1.25	42	.8x10 1/2	\$2.65
18	.5x7	1.40	48	.8x12	2.85
24	.8x10 1/2	2.00	60	.8x12	3.00
30	.8x10 1/2	2.25	72	.8x12	3.25
36	.8x10 1/2	2.50			

EXTRA PLATES FOR IRON STANDS

Inch	For Superior	For Star	Inch	For Superior	For Star
5	\$0.40	\$0.40	10 1/2	\$1.00	\$0.70
7	.55	.55			
8	.70		12	1.20	

SHADING OR PROTECTING CLOTH



It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Piece	Price Per yd.	Price Per Pz.
Light. Brown cloth..	.60	\$0.22	\$12.00
Medium. " " ..	.60	.35	18.00
Heavy. " " ..	.40	.45	16.80

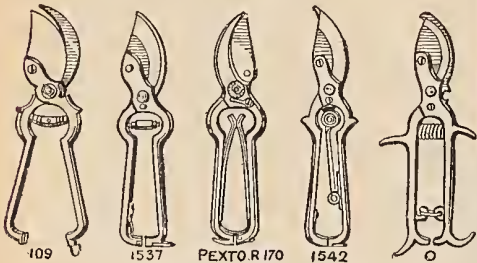
All Prices Subject to Market Changes



HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel; every one is guaranteed to be perfect, and give good satisfaction.

- 924 English Pruner, 1 blade \$2.00
- 928 English Pruner, 1 blade 2.75
- 04993 Budding and Pruning, 2 blades 1.25
- 2852 1/2 Budding, 1 blade..... 1.10
- 778B. Budding, 1 blade..... .90
- 303 2 Blade Saynor Pruning stag handle 2.00
- 105 Pruner, 1 blade, steel band cocoa handle... .90
- 727W. Budding, 2 blades..... 1.25
- 400 Saynor Budding, 1 blade 3.00
- 401 Saynor Budding, 1 blade 3.00
- 343 Saynor Budding, 2 blades 3.25
- 187 Saynor, 1 blade pruning 2.75
- 204B. Saynor, 1 blade budding 4.00



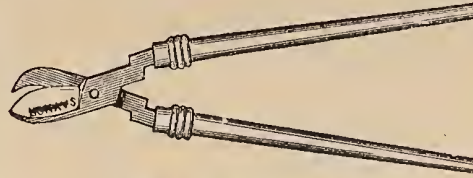
PRUNING SHEARS

- | No. | | P.P. Weight | |
|------|----------------------------|-------------|--------|
| 109 | Wiss, 8-in | .2 lbs. | \$4.00 |
| 60 | Pepto American | .2 lbs. | 1.25 |
| 65 | " | .2 lbs. | 1.75 |
| R165 | " | .2 lbs. | 2.00 |
| R170 | " | .2 lbs. | 2.25 |
| | Ladies' Nickeled 6 1/2-in. | .2 lbs. | 1.00 |
| 0 | American | | .50 |
- Spiral Springs for any of the above Pruning Shears, 15c each; per doz., \$1.50. Parcel Post Weight, per doz., 1/2-lb.



No. 23 LEVIN PRUNER

The handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, \$1.00. Weight, 2 lbs.



LOPPING SHEARS

- No. 109 English (see cut) \$6.75
- No. 5400 Clyde Lopping Shear, 24-in. handle 3.50
- No. 5400 Clyde Lopping Shear, 30-in. handle 3.75
- No. 5406 Rockdale Lopping Shear, 26-in. handle 1.50
- Rhodes Double Cut..... 3.50

TREE PRUNERS

- Disston's Little Giant Pruner... \$2.50
 - Parcel Post Weight, 3 1/2 lbs.
 - Disston's Little Giant. With saw attachment 3.50
 - Parcel Post Weight, 4 lbs.
- The above prices are for Pruner without rope or pole.

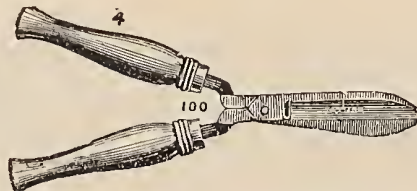
TELEGRAPH TREE PRUNER

Removable blade, which can be renewed when worn out for 20c. Price, plain, \$1.80. Parcel Post Weight, 2 lbs.

WATERS TREE PRUNERS

- With removable cutting blade and pole complete.
- 4 feet \$1.80
- 6 " 2.10
- 8 " 2.35
- 10 " 2.50
- 12 " 2.75
- Extra Blades for Waters Pruners, 20c each.
- None of the above Tree Pruners except the Waters are equipped with poles or rope.

Poles for Tree Pruners.
12 feet long, 1 1/4 inches diameter \$1.80
14 " " 1 1/2 " " 2.00
Waters Pruners or Poles are not mailable.

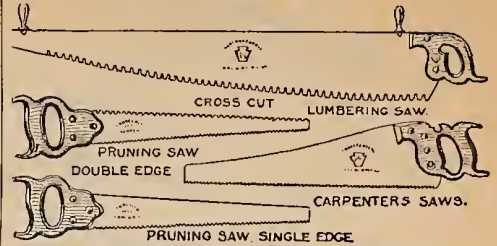


HEDGE SHEARS

- | No. | | Plain Bolt | |
|-----|----------------------------|------------|--------|
| 1 | 6 1/2-inch Ladies American | | \$1.25 |
| 101 | 8 | | 2.25 |
| 101 | 9 | | 2.50 |
| 101 | 10 | | 2.75 |
| 101 | 12 | | 3.25 |
| 101 | 8 | English | 3.25 |
| 101 | 9 | " | 3.50 |
| 101 | 10 | " | 4.50 |
| 101 | 12 | " | 5.75 |

Lock Bolts, Nuts and Washers for hedge shears, 15c each.

SAWS



CROSS-CUT LOG SAWS

- One Man, 3 1/2-foot blade \$3.75
- Two Man, 5-foot blade..... 6.60

DISSTON PRUNING SAWS

- 18-inch. Double edge... 2 lbs. \$1.20
- 20 " " " ... 2 lbs. 1.35
- 16 " Single " ... 2 lbs. 1.60
- 18 " " " ... 2 lbs. 1.75
- 20 " " " ... 2 lbs. 1.85
- 22 " " " ... 2 lbs. 1.95

CARPENTER SAWS

When ordering state if rip or cross-cut.
Disston No. 8—26-inch blade... \$3.65
" No. 8—28 " " 4.10

GRAFTING WAX

1/4-lb., 15c; 25c, 1/2-lb.; 1 lb., 40c; \$1.90 per 5 lbs.



GRAFTING TOOL

Parcel Post Weight, 1 lb.
Made of best steel, for grafting trees, etc. \$0.85

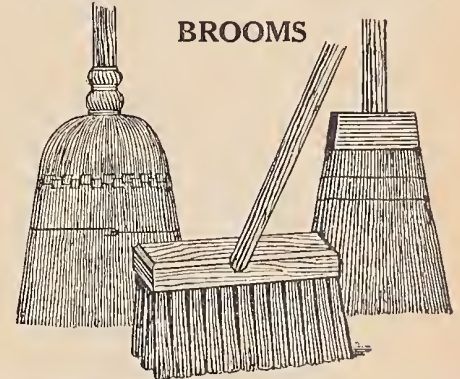
PRUNING GLOVES

- No. 216 Horse Hide, with Gauntlets lined \$2.50
- No. 66 Horse Hide, with Gauntlets, not lined..... 2.40
- No. 62 Buckskin, with Gauntlets, not lined..... 3.00

PRUNING COMPOUND

Used for painting the wounds of trees after pruning.
1 quart \$0.75
1 gallon 2.00

BROOMS



- No. 230 Japanese Fibre (see cut) . \$0.85
- No. 8 Corn and Rattan mixed.. 1.15
- Golf Greens (Birch)..... .35
- No. 7 Plain corn, extra quality (see cut)85
- ROAD BRUSHES (With Handles)**
- No. 271 Rattan Push, 14 in. (See cut) \$1.35
- No. 0286 Bass or Cocoa Push, 14 in. 1.35



STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

No. No.
10-10 tooth \$0.70 | 14-14 tooth \$0.85
12-12 " .80 | 16-16 " .90
No. 18-18 tooth, \$1.00

STEEL GRAVEL RAKES

These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

G12-12 tooth \$0.85 | G16-16 tooth \$1.05
G14-14 " .95 | G18-18 " 1.15
No. G20-20 tooth, \$1.25

STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

B12-12 tooth \$0.85 | B14-14 tooth \$0.95
No. B16-16 tooth, \$1.05

WIRE LAWN or GRASS RAKES

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible.

124R24 tooth \$0.75 | 36LR36 tooth \$1.10
No. 342 42 tooth, \$1.25

OLE OLSEN LAWN RAKES

This rake head is slightly curved from the center to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26-tooth hickory wood. Price, \$1.00

WOODEN RAKES

Ames, 37X, 24-tooth, steel bows; for lawns\$1.15
Ames, 14-tooth wood bow, for hay 1.00
Twenty-tooth, lawn; wire braced. .50



HALF MOON HOES

Best steel, solid sockets, which will not pull out.

HM3-3-inch \$0.75 | HM6-6-inch \$0.90
HM4-4 " .85 | HM7-7 " .90
HM5-5 " .85 | HM8-8 " .95

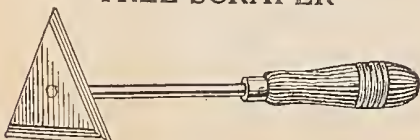
SQUARE HOES

G06-6-inch, solid shank.....\$0.80
G07-7 " " " .85
G08-8 " " " .90

SQUARE CELERY HOES

No. 10-10 inch.....\$1.25
No. K14½-14 inch.....1.70

TREE SCRAPER



For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 80c.

SHOVELS

We handle only the very best makes of steel shovels. Every one guaranteed.

Short Handle

Ames, round point\$2.75
Ames, square point 2.75
Portage City, round point 1.75
Portage City, square point 1.75

Long Handle

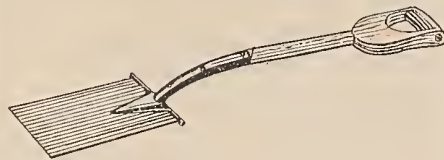
Ames, round point\$2.75
Portage City, round point 1.75
Portage City, square point 1.75



SPADING FORKS

Strapped shanks; short or D-wood handle. Made of best quality steel.

No. O H W. Men's 4-tine.....\$1.75
No. O H W 5. Men's 5-tine.... 1.85
No. B 4 D. Boys' or Ladies' 4-tine .85
No. E B 4. English, 4-tine..... 2.25



STEEL SPADES

Ames, Short Handle.....\$2.75
Nursery (Ames), Short Handle... 3.50
Portage City, Short Handle..... 1.75
Boys' 1.65



WEEDERS

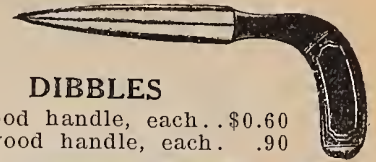
Eureka Weeding Fork (see cut above), 40c each; doz., \$4.50.
Eureka Weeder, 40c each; doz., \$4.50.
Magic Weeder, small, 20c each; per doz., \$2.00; medium, 30c each; doz., \$3.25. Large, \$1.25 each.
Excelsior Weeders, 22c each; doz., \$2.25.
Excelsior Weeding Forks, 20c each; doz., \$2.25.
Hazeltine Weeder, 45c each; doz., \$5.



The Ball Celery Bleacher as it looks in the garden

MAKEFIELD WEEDER

A most practical tool, invented by a practical trucker; splendid for weeding among seedlings. Price, 50c.



DIBBLES

Iron, wood handle, each..\$0.60
Brass, wood handle, each. .90



TROWELS No. 211

These are made of one-piece steel blade and shank; equal to the imported trowels.

5 inch.....\$0.65 | 6 inch.....\$0.70
7 "80 | 8 "85

No. D. S. T. STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c each; doz., \$8.00.

CLEVE'S ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-in..\$0.20 | 6-in..\$0.25 | 7-in..\$0.30

MISCELLANEOUS TROWELS

213-5-in. Thin Steel. Each, 15c; \$1.60 per doz.

213-6 in. Thin Steel. Each, 20c; \$2.00 per doz.

Neverbreak-6-in., Heavy Steel. Each, 20c; \$2.25 per doz.

MARKING RAKES

These are for marking out garden rows, adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$6.50. (Extra teeth, 65c each.)



PLANET JR. CELERY HILLERS

Double. for hilling one side of 2 rows. Price, double style, \$37.00.

BALL CELERY BLEACHER

A practical device for bleaching celery early; made of stiff, heavy paper; celery will bleach in 10 days without soil being drawn to the plant.

P.P.Wt.
No. Inches per 100 50 100 1000
1 6 x12 8 lbs. \$1.50 \$2.75 \$21.00
2 6½x13 10 lbs. 1.65 3.00 25.00
3 7 x14 14 lbs. 1.75 3.25 28.00

Not less than 50 bleachers of a size sold; 500 of a size at 1,000 rate.

CELERY HANDLERS

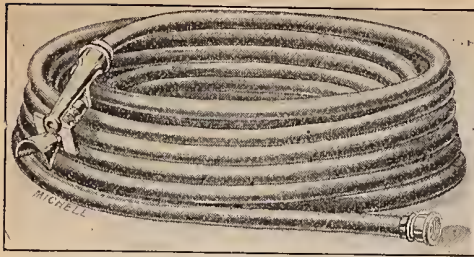
Brass, each\$4.50
Tin, each 1.75

CELERY PAPER

In 500 square feet rolls. Price upon application.

CELERY TAPE

In spools of 1,000 yards, fast red\$5.75



RUBBER HOSE

Special attention is called to "Empire Red" Hose, a new brand, which having been thoroughly tried out, has made good.

Per Foot
 *Michell's Special, 1/2 in. \$0.17
 " " 3/4 "19
 Electric, 3/4 in.22
 " " 1/2 "20
 *Empire Red (corrugated), 3/4 in. .22
 Spray Pump Hose, 3/8 in.14
 P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings. Hose Washers. 1 inch, 12c. per doz.; 1/4 lb., 40c.; 3/4 inch, 8c. per doz.; 1/4 lb., 30c.

HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	100
8—For 3-ply hose	..... \$0.35	\$2.25
6—For 4-ply hose	..... .35	2.25
P. Post Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

HUDSON'S

3/4 inch	..... \$0.15	\$1.00
1/2 inch	..... .15	1.00
P. Post Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

SURE GRIP

3/4 inch, 4c. each; per doz., 40c.; \$3.00 per 100.

Parcel Post Weight, doz., 1 lb.

BRASS HOSE COUPLINGS

1/2 inch	P. P. Wt. Doz. Pair	Doz.
3/4 inch	..... 3 1/4 lbs. \$0.25	\$2.75
1/2 inch	..... 4 " .25	2.75

PERFECT HOSE COUPLINGS

Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4- inch hose; mention which is wanted when ordering. 30c. pair; doz., \$3.25.

SNAP HOSE COUPLINGS

Snap Couplings. 32c. pair; doz. pairs, \$3.50. (Washers, 18c. doz.)

Parcel Post Weight, per doz., 2 1/4 lbs.

SNAP COUPLING PARTS

No. 2—Male, 13c. each; per doz., \$1.35
 Parcel Post Weight, per doz., 1 1/4 lbs.
 No. 1—Female, 20c. each; per doz., \$2.25. P. Post Wt., per doz., 1 1/4 lbs.
 Washers for Snap Hose couplings, 18c. per doz.; per 100, \$1.25.

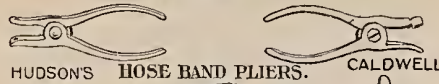
RUBBER APRONS

For watering, etc., made of extra heavy material; brass eyelets, \$3.25 each.

HOSE EQUIPMENT



HOSE BANDS



HOSE BAND PLIERS.



HOSE COUPLINGS.



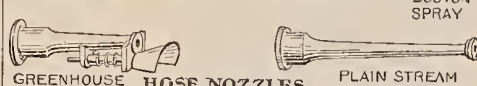
HOSE MENDERS.



HOSE MENDERS OUTFIT



HOSE NOZZLES



ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 25c. each; doz., \$2.75.

Parcel Post Weight, per doz., 3 lbs.

No. 4 part, for attaching to hose, 45c. each; doz., \$4.75. Wt., doz., 3 lbs.

Couplings complete, consisting of one No. 3 and one No. 4 part, 70c. each; per doz., \$7.50. Wt., per doz., 6 lbs.

HOSE MENDERS

Cooper's, 3/4 in.	Each \$0.08	Doz. \$0.85	100 \$6.50
" " 5/8 "	.. .08	.85	6.50
" " 1/2 "	.. .08	.85	6.50

Jones', 3/4 in. (iron) .08 .80

Hudson's 3/4 in. (brass) .07 .70 5.50

Hudson's 1/2 in. (brass) .06 .65 5.00

PERFECT HOSE MENDERS

For 3/4-inch hose, 13c. each; doz., \$1.30; \$10.00 per 100.

Parcel Post Weight, per doz., 1 3/4 lbs.

HOSE MENDING OUTFIT

(For 3/4-inch Hose)

Consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 75c. each.

Parcel Post Weight, 1 lb.

SIAMESE

HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. Price, 75c. each.

Parcel Post Weight, 1 lb.

THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$3.00 each.

Parcel Post Weight, 1 1/4 lbs.

BOSTON SPRAY NOZZLE

(For 3/4-inch Hose)

	P. P. Wt.	Price
Light Copper	..... 1/2 lb.	\$0.90
Heavy Brass	..... 1 "	1.25

RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For 3/4-inch hose.

(Parcel Post Weight, 1 lb.) Price, \$2.25

CHAMPION (Brass) NOZZLE

A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 75c. each.

MYSTIC HOSE NOZZLE

3/4-inch hose. Regulated to give three different streams. Price, 55c.

Parcel Post Weight, 1/2 lb.

HOSE REDUCERS

Reduces 1-inch pipe to fit regular 3/4-inch hose. All brass.

Each \$0.75

Parcel Post Weight, 1 1/2 lbs.

HYDRANT ATTACHMENT

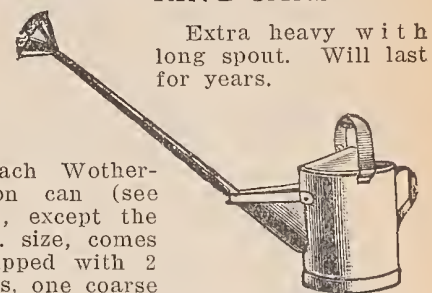
Used for attaching hose to smooth faucets.

Royle Style \$0.60

Parcel Post Weight, 1/2 lb.

WATERING CANS

Extra heavy with long spout. Will last for years.



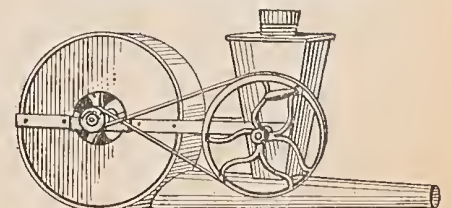
Each Wother- spoon can (see cut), except the 2-qt. size, comes equipped with 2 roses, one coarse and one fine.

	Wotherspoon	Make	Light
	Round	Oval	Galvanized
			Make
2-quart	..... \$1.75	.....	.....
4 "	..... 3.25	.....	\$0.85
6 "	..... 4.10	\$4.40	1.00
8 "	..... 4.40	4.70	1.20
10 "	..... 4.70	4.95	1.40
12 "	..... 4.95	5.25	1.60
16 "	..... 5.25	5.80	1.90

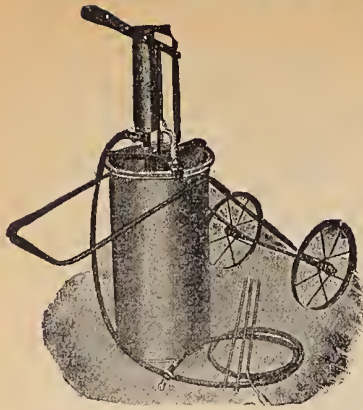
12-qt. Mamre Watering Can.... 5.25
 4-pt. Fern or Low Watering Can 2.75

Extra Roses for Wotherspoon Watering Can, either coarse or fine, 50c. each.

SULPHUR BLOWER



For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. Price, \$7.00.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying white-wash or cold water paint.

No. 0—Capacity 3 gallons, equipped with 4 ft. of hose, 1 3-ft. extension pipe and 2 spray nozzles, \$15.00.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$20.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$30.00.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, \$44.00.

Extra Washers for pump plungers for Paragon Sprayers, 35c each.

SPRAY BUCKET PUMPS



These are made entirely of brass except the foot rest, bucket fastener and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

No. 256 Success (without bucket fastener), \$7.50.

No. 689 Perfect Success (with bucket fastener), \$8.00.

MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer. Price, \$6.00, including hose and nozzle.



HEAVY BRASS SYRINGES

P. P. Weight Price

- 99—1½-in. diam., 18-in. long, 1 spray... 1¼ lbs. \$3.60
- 101—1¼-in. diam., 14-in. long, 2 sprays... 2 lbs. 4.00
- 101A—1½-in. diam., 16-in. long, 2 sprays... 2¼ lbs. 4.50
- 110—1¾-in. diam., 20-in. long, 2 sprays... 4½ lbs. 8.00
- 120—1¾-in. diam., 20-in. long (Adjustable) 5 lbs. 10.00



Auto Spray in Operation

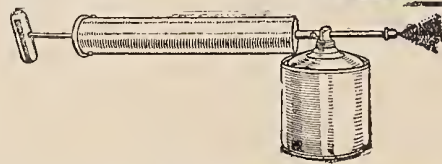
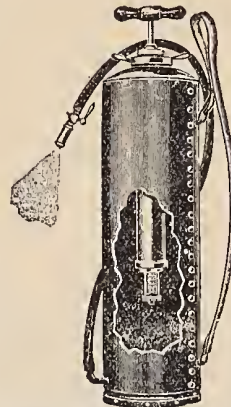
No. 1-B—Brass; equipped with hose and Auto-Pop Attachment, \$10.25.

No. 1-D Galvanized Iron; equipped with hose and Auto-Pop, \$7.00.

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.35 each. \$1.80 complete with hose. P. P. weight, 1 lb.

No. 22 BINKS Compressed AIR SPRAYER

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 ft. of hose, spray nozzle, shut off cock and shoulder strap. P. P. weight, 15 lbs. Price, \$8.50.



HAND SPRAYERS

Automatic (Compressed Air). See cut. Very easily operated. Tin, each... \$1.00 | Brass, each... \$2.00
Cyclone Sprayer. Similar to the above but with no automatic air reservoir. No. 113, tin, each, 50c; No. 114, brass, each, \$1.10.

It operates with compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.

EXTENSION PIPES, ETC.

For reaching into trees (¾-inch threads).
Bamboo with brass tube, 10 ft... \$7.50
Galv. Iron, 2 ft. for Auto Sprays... .50
Brass, 2 ft. for Auto Sprays... .65
Petcock, for extension pipes... 1.25

GOULD SPRAY PUMPS GOULD'S MONARCH

2-Cylinder Hand Power Pump (Fig. 1506).

This equipment is designed to be mounted on a platform for stationary use or for transportation on a wagon, sled or other means. Plain Pump, No. O, price, \$45.55.

Outfit C—Equipped with 5-ft. suction hose and strainer and 1 lead 15 ft. ½ in. special spray hose and 1 Mistry Jr. Nozzle. Price, \$56.25.

Outfit D—Same as Outfit C, except the equipment is 2 leads of hose and 2 nozzles. Price, \$63.80.

Pomona. No. 1100. Plain barrel pump. \$26.75.

Pomona. No. 1100. Outfit C, with agitator 15 ft. ½-in. special spray hose and 1 Mistry, Jr. Nozzle. Price, \$34.45.

Pomona. No. 1100. Outfit D, with agitator and 2 15-ft. leads of special ½-in. spray hose and 2 Mistry Jr. Nozzles. Price, \$41.85.

Gould's Fruitall. Fig. 1188. Plain barrel pump, \$14.60.

Gould's Fruitall. Fig. 1188 (Outfit C), with agitator and 1 15-ft. lead of ½-in. special spray hose and 1 Mistry, Jr. Nozzle. \$24.65.

Gould's Fruitall. Fig. 1188 (Outfit D), with agitator and 2 15-ft. leads of ½-in. special spray hose and 2 Mistry, Jr. Nozzles. \$29.80.

Gould's Standard. Fig. 905½. Plain barrel Pump. \$21.60.

Gould's Standard. Fig. 905½ (Outfit C), without agitator, but with strainer and 1 15-ft. lead special spray hose and 1 Mistry Jr. Nozzle. \$27.30.

Gould's Standard. Fig. 905½ (Outfit D), same as Outfit C, but equipped with 2 15-ft. leads of hose and 2 nozzles. Price, \$35.00.

KNAPSACK SPRAYERS

Deming's. Fig. 675. Copper tank, holding about 5 gals.; complete, with pump, nozzle and hose. Price, \$26.00.

Deming's. Fig. 564. Galvanized tank, holding about 5 gal.; complete, with pump, nozzle and hose. Price, \$19.00.

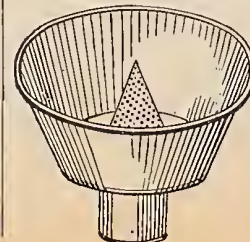
SPRAY NOZZLE (¾-inch Thread)

- Bordeaux \$0.85
- Vermorel90
- Mistry, Jr. 1.25
- Paragon style50
- “ nozzle caps..... .20

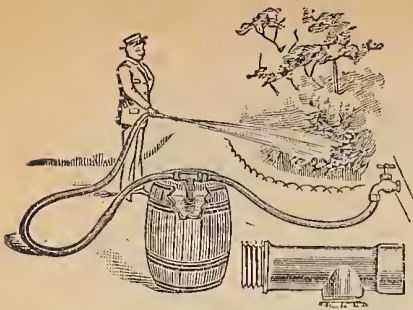
If nozzles are wanted for ¾-in. hose connections, add 60c to above prices.

We can also furnish Duplex, Triplex and Quadruple nozzles.

COPPER STRAINER



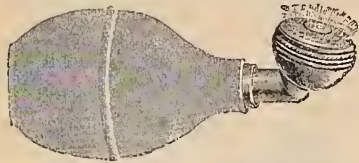
For straining white wash, spraying material, etc., \$1.25 each. Parcel Post weight, 1 lb.



LIQUID MANURE DISTRIBUTOR

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it.

Price, \$2.25 each. (P. P. Wt., 2 lbs.)



SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.

Spraywell Style—	6 ozs. capacity	\$0.75
"	8 ozs. capacity	.85
"	10 ozs. capacity	1.10
No. 1 Scollay—	10 ozs. capacity..	1.35

PAPER FOR FLOWERS

	Sheets per Ream	Lb.	Ream
Manilla. For wrapping	480	\$0.14	\$3.50
Manilla. Tissue	480	.35	2.75
Wax. White. Best quality, 24x36 inches..	480	.45	4.25
Wax. Green. Best quality, 24x36 inches..	480	.50	4.50

MOSS

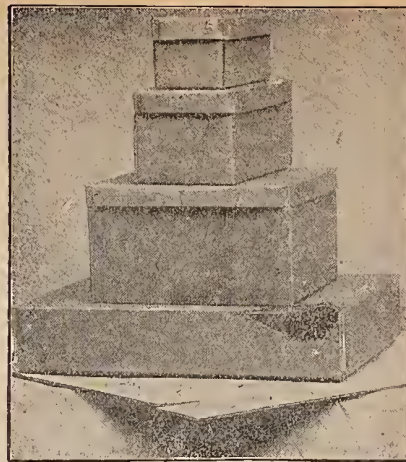


We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 30c.; \$1.00 per bush.; per bbl., \$2.50.
Sphagnum, Dry. Barrel bales, \$1.00.
Sphagnum, Dry. 5-barrel bales, \$3.50. (5 bales for \$16.25).
Green Lump. Peck, 40c.; \$1.25 bushel; bbl. bag, 2.50.
Green Sheet. 25c.; 50c. peck; bushel, \$1.75; \$3.00 per bbl. sack.

CARNATION MENDING DEVICES

Staples. For calyx mending, 35c. per 1000; 5000 for \$1.50; \$2.80 for 10,000; 25,000 for \$6.50; \$12.50 for 50,000.
Rubber Bands. Ounce, 25c.; 85c. per ¼ lb.; ½ lb., \$1.60; \$3.00 per lb.
Bauer Carnation Outfits
Pliers and 1000 clips, \$2.50.
Pliers, each, \$2.00.
Clips, 85c. per 1000; \$3.75 per 5000.



CORRUGATED PAPER CUT-FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones.

Special sizes to order in lots of not less than 100 of a kind. Price on application.	Each	Doz.	100
48x14x8 inch	....\$0.70	\$6.25	\$45.00
42x14x8 "	.... .60	5.50	40.00
36x14x6 "	.... .50	5.00	35.00
30x 8x5 "	.... .35	3.25	22.00
24x 8x5 "	.... .25	2.75	19.00

If corrugated boxes are ordered shipped, a slight charge is made for packing.

LIGHT WEIGHT PAPER BOXES

16x4 x3 inch	} Prices upon application
18x5 x3 "	.....
18x7 ½x3 ½ "	.....
20x4 x3 "	.....
21x5 x3 ½ "	.....
21x8 x4 "	.....
23x7 x3 ½ "	.....
24x5 x3 ½ "	.....
24x6 x4 "	.....
24x8 x4 "	.....
24x8 x5 "	.....
30x5 x4 "	.....

HEAVY WEIGHT PAPER BOXES

23x12x5 inch	} Prices upon application
28x 8x4 "	.....
28x 8x5 "	.....
30x 9x4 "	.....
30x 9x6 "	.....
30x12x6 "	.....
30x14x6 "	.....
36x 6x5 "	.....
36x 8x5 "	.....
36x12x6 "	.....

SPECIAL NOTE—There is no charge for printing boxes when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color, is \$2.00 for the lot. We can also supply violet boxes, felt board boxes and wreath boxes. Prices on application.

TINFOIL

	Width Lb.	5 Lb.	10 Lb.
Plain (5 lb. rolls) 5-in.		\$1.25	
Plain	.....5-in.	\$0.22	1.05 2.00
Plain	.....6-in.	.22	1.05 2.00
Violet Foil	.....6-in.	.50	2.40
Green Foil	.....6-in.	.50	2.40
Patent Cutter for rolls of Tinfoil, 60c			

Ask for prices on large quantities of foil.



THERMOMETERS

Maximum and Minimum. Registering the coldest and the warmest points during the previous night. 8-in. each, \$4.50; 10-in. each, \$5.25.

Testing grade. These are accurate and may be depended upon.	Each	Doz.
No. 5420B—8 in., Tin Case	\$1.00	\$12.00
No. 5420B—10 " " "	1.25	14.00
No. 5420B—12 " " "	1.50	16.00
No. 5400—8 in., Genuine Copper Case	1.60	17.50
No. 5100—10 in., Genuine Copper Case	2.00	22.50
No. 5100—8 in., Wood Back, Black Scale	1.75	
No. 5100—10 in., Wood Back, Black Scale	2.00	

DAIRY THERMOMETERS

For use also in testing soil temperature, each \$0.75

HOTBED THERMOMETERS

No. 2—Galvanized Iron Point, each	\$2.00
Brass Point, wood case, paper scale	1.75

THERMOSTATS

No. 1—Thermostat. This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Not water-proof style, G. H. 3, \$11.00; G. H. 4, water-proof style, \$16.00.

WIRED TOOTHPICKS

Regular Size, 10,000,	\$3.00;	50,000,	\$12.50.
6-inch Size, dyed green,	\$1.60 box	3000.	
Plain Toothpicks, 5c bx.; doz. bxs.,	55c.		

FUMIGATORS

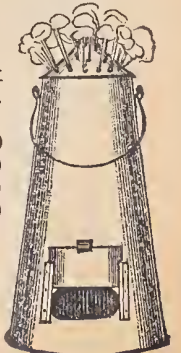
Perfection Make

Fitted with a water tank to prevent burning out.

No.	Feet	
1 for house,	12x 40	\$5.50
2 " "	15x100	6.50
3 " "	20x100	7.50
5 " "	20x150	9.00

Eureka Make

No.	Feet	
1 for house,	10x 40	\$3.00
2 " "	15x 50	4.00
3 " "	15x100	5.00
4 " "	20x100	6.00



MICHELL'S WIRE DESIGNS

Carefully and Substantially Made

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

We make a slight charge at actual cost for packing Wire Designs on account of the small profit at which they are sold.

ANCHORS—FLAT

No. 1

In. Each	25	100	In. Each	25	100		
10	\$0.20	\$3.75	\$13.00	20	\$0.40	\$8.00	\$30.00
12	.22	4.50	15.00	22	.45	10.00	36.00
14	.25	5.00	17.50	24	.50	11.00	42.00
16	.30	6.00	21.00	30	1.25	25.00	90.00
18	.35	7.00	24.00	36	1.75	37.50	140.00

ANCHORS ON BASE

No. 3

STANDING ANCHORS

Measure not including base

In. Each	25	100	In. Each	25	100		
10	\$0.30	\$6.00	\$21.00	20	\$0.55	\$13.00	\$48.00
12	.35	7.00	24.00	22	.70	16.00	60.00
14	.40	7.50	27.50	24	.90	21.00	78.00
16	.45	9.50	35.00	30	1.50	32.50	120.00
18	.50	10.50	38.00	36	2.50	57.50	198.00

ANCHOR AND CROSS

No. 13

In. Each	25	100	In. Each	25	100		
12	\$0.20	\$4.25	\$15.00	21	\$0.40	\$8.50	\$30.00
15	.25	5.00	17.50	24	.50	10.00	36.00
18	.30	6.00	21.00				

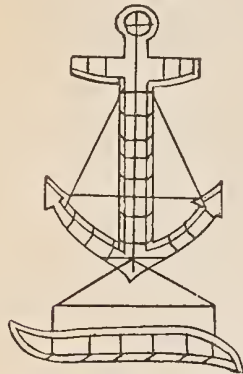
ANCHOR AND CROSS STANDING

Measure not including base

In. Each	25	100	In. Each	25	100		
12	\$0.40	\$7.50	\$27.50	21	\$0.55	\$13.00	\$48.00
15	.45	8.00	29.00	24	.70	16.00	60.00
18	.50	10.50	38.00				

ANCHOR ON RECLINING STAND

No. 2



In. Each	25	100	In. Each	25	100		
12	\$0.45	\$10.00	\$35.00	20	\$0.65	\$15.00	\$55.00
14	.55	11.00	41.00	22	.85	18.75	70.00
16	.60	12.50	47.00	24	1.25	25.00	90.00
18	.65	14.00	53.00				

CROSSES (FLAT) No. 74

In. Each	25	100	
12	\$0.13	\$2.75	\$9.50
14	.14	3.00	10.00
16	.15	3.25	10.50
18	.16	3.50	11.50
20	.17	3.75	12.50
22	.18	4.00	13.50
24	.20	4.50	14.50
26	.22	4.75	17.00
28	.25	5.25	18.00
30	.30	7.00	24.00
32	.40	8.00	29.00
34	.45	10.00	35.00

For moss, tinfoil and toothpicks, see page 39. For stemming wire, see page 41.

CROSSES ON STAND

No. 75

In. Each	25	In. Each	25		
10	\$0.25	\$5.00	22	\$0.55	\$12.00
12	.30	5.50	24	.65	13.50
14	.35	6.00	26	.75	15.00
16	.40	7.50	30	1.00	21.00
18	.45	9.00	36	1.50	30.00
20	.50	10.50			

CROSSES, FLAT SLANTING

In. Each	25	In. Each	25		
12	\$0.15	\$2.75	22	\$0.40	\$5.50
14	.20	3.00	24	.45	6.00
16	.25	3.25	26	.50	7.50
18	.30	3.50	30	.55	8.50
20	.35	4.00	36	.65	12.50

CASKET CROSSES

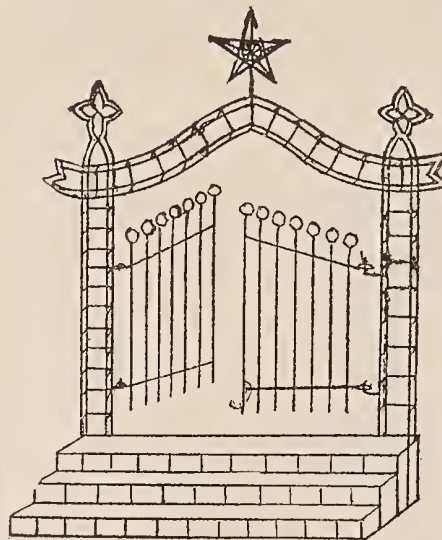
No. 71

In. Each	25	In. Each	25		
12	\$0.20	\$3.00	24	\$0.40	\$7.50
14	.25	3.60	26	.45	8.50
16	.30	4.20	30	.50	9.00
18	.35	4.80	34	.60	12.00
20	.40	5.40	36	.65	13.50

CROSS ON RECLINING STAND, WITH LETTERING FRAME

No. 78

In. Each	25	In. Each	25		
12	\$0.45	\$9.00	24	\$1.00	\$19.50
14	.50	10.50	26	1.25	22.50
16	.60	12.50	28	1.40	25.50
18	.75	13.50	30	1.75	33.50
20	1.00	15.00			



GATES AJAR

No. 113. Single Gates.

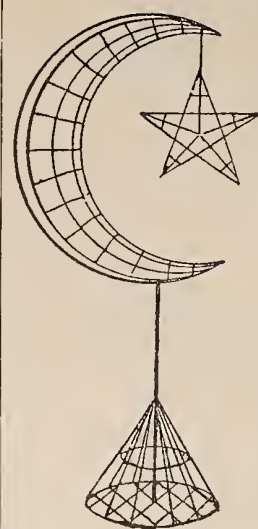
Whole Heights, Steps and Star, include measure.

15	inch high, 1 step	each	\$1.25
18	" " 1 " " " "	"	1.30
21	" " 2 steps	"	1.45
24	" " 2 " " " "	"	1.75
27	" " 2 " " " "	"	2.00
30	" " 3 " " " "	"	2.50
33	" " 3 " " " "	"	3.00

CRESCENT

No. 58

In. Each	25	
8	\$0.15	\$2.50
10	.20	3.25
12	.25	3.75
14	.30	5.00
16	.35	6.00
18	.40	7.00
20	.45	7.50
22	.50	8.00
24	.55	10.00



CRESCENT AND STAR ON STAND

No. 61

In. Each	25	
10	\$0.55	\$10.00
12	.60	11.00
14	.65	12.50
16	.70	13.50
18	.85	17.50
20	1.25	25.00
22	1.50	27.50
24	1.75	30.00

EASELS

No. 92

A very pretty Stand for Designs.

In. Each	25	In. Each	25		
15	\$0.15	\$2.50	27	\$0.25	\$4.50
18	.18	3.00	30	.30	6.00
21	.20	3.30	36	.45	9.00
24	.25	3.60			

HORSESHOES No. 129

In. Each	25	In. Each	25		
12	\$0.25	\$4.50	24	\$0.65	\$13.50
14	.30	5.95	26	.80	16.50
16	.35	6.00	28	1.00	19.50
18	.40	7.50	30	1.25	22.50
20	.45	9.00	33	1.50	30.00
22	.50	10.50	36	1.75	37.50

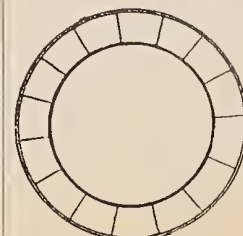


PILLOWS—FLAT No. 169

In. Each	25	In. Each	25		
10	\$0.20	\$3.00	20	\$0.45	\$9.00
12	.25	4.00	22	.50	10.50
14	.30	4.75	24	.60	13.50
16	.35	6.25	26	.75	16.50
18	.40	7.75	28	1.00	19.50

WREATHS No. 220

In. Each	25	
8	\$0.10	\$2.00
10	.12	2.25
12	.15	2.75
14	.20	3.00
16	.25	3.25
18	.30	4.50
20	.35	5.50
22	.40	8.00
24	.45	9.00



CARNATION SUPPORTS

	Doz.	100	1000
Model, 2-ring	\$0.85	\$5.75	\$50.00
" 3-ring	1.00	6.25	57.50
Richmond, No. 11. 29 in., 3-ring, single	.85	6.00	57.50
" " " " double	1.10	7.00	65.00

PLANT STAKES

No. 10 Steel Wire, Galvanized

	100	1000		100	1000
2 foot	\$1.25	\$10.00	4 foot	\$2.00	\$16.50
2½ "	1.50	11.50	4½ "	2.25	20.00
3 "	1.65	14.00	5 "	2.50	22.50
3½ "	1.80	15.50	6 "	2.75	25.00

No. 8 Steel Wire Galvanized

For staking American Beauty and other strong-growing roses.

	100	1000		100	1000
2 foot	\$2.00	\$15.00	4 foot	\$3.00	\$25.00
2½ "	2.25	17.50	4½ "	3.25	27.50
3 "	2.50	20.00	5 "	3.75	31.00
3½ "	2.75	22.50	6 "	4.25	36.50

Price for larger sizes quoted on application.

GREEN PAINTED TAPERING PLANT STAKES

	Doz.	100		Doz.	100
1½ foot	\$0.30	\$1.90	3½ foot	\$1.20	\$ 8.40
2 "	.50	3.50	4 "	1.40	10.00
2½ "	.70	5.10	5 "	1.80	13.25
3 "	1.00	6.75	6 "	2.40	18.25

GREEN PAINTED HEAVY OR DAHLIA STAKES

	Doz.	100		Doz.	100
3 foot	\$1.50	\$10.75	5 foot	\$2.40	\$18.25
3½ "	1.80	12.38	6 "	3.00	22.40
4 "	1.95	14.25			

SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ foot	\$0.23	\$1.65	3½ foot	\$1.00	\$7.25
2 "	.35	2.50	4 "	1.10	8.75
2½ "	.50	3.75	5 "	1.65	12.75
3 "	.90	6.50	6 "	1.90	14.75

STAKE FASTENERS

Everlasting. Heavy, \$2.00 per 500; 1000, \$3.50.
Eureka. Light, \$1.35 for 500; 1000, \$2.50.



HYACINTH STAKES (Wood) Dyed Green

	1000	5000	10000
5 inch	\$1.00	\$ 4.50	\$ 8.50
12 inch	2.00	9.50	18.50
18 inch	2.75	13.25	26.00

CANE STAKES

Southern, about 8 to 9 ft., selected. \$1.25 per 100; \$5.50 per 500; \$10.00 per 1000.

JAPANESE CANE STAKES. Very thin.

Natural		Green			
	100	1000		100	1000
2½ foot	\$1.00	\$8.50	1½ foot	\$0.65	\$5.50
3 "	1.25	10.00	2 "	.85	7.50
4 "	1.50	12.00	2½ "	1.10	9.25
5 "	1.60	14.00	3 "	1.35	11.00
6 "	1.75	16.00	3½ "	1.50	12.75
			4 "	1.65	14.00
			5 "	1.85	16.50

UNPAINTED STAKES OR DOWELS

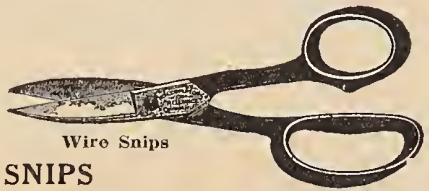
The supply of dowels is uncertain and we prefer to quote upon knowing requirements.

BUSCHERT'S WIRE PLANT TIE

Takes the place of twine; can be used more quickly and on several occasions. Per 1000, \$2.25; \$10.00 for 5000.



Wire Plant Tie



Wire Snips

WIRE SNIPS

	Each
No. 833—7½ inches, short blade	\$1.85
No. 832—8 inches, long blade	1.85
8 inches, heavy. P. P. Wt. 1 lb.	1.75
No. 12—10 inches, heavy. P. P. Wt. 2 lbs.	2.50

RAFFIATAPE

This article is made of a composition of paper and linen, and is tremendously strong. It is about ½-in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.



Per bolt of 250 yards, \$1.00; 6 bolts, \$5.50.

HEADQUARTERS FOR RAFFIA

We make a careful selection of long, broad strands for our trade.

Natural Color. 25c. per lb.; 5 lbs. @ 22½ c. lb.

Green Raffia. 90c. per lb.; 5 lbs. for \$4.25.

FLORISTS' SPECIAL TWINE

Peerless (see cut)

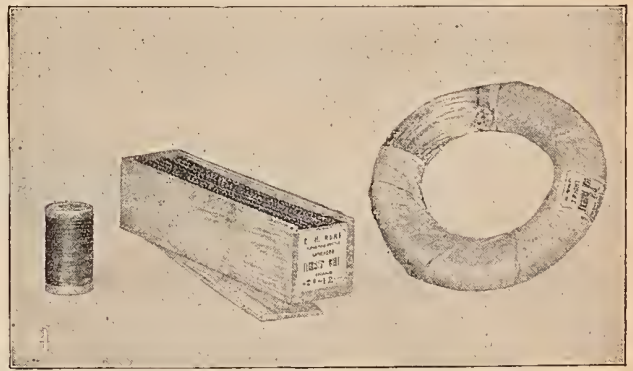
For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, \$1.50; 5 lbs., \$7.25.

TWINES, ETC.

	Per Ball	Per Lb.
No. 108. White Cayuga Twine, Light	\$0.50	\$1.00
No. 208. White Cayuga Twine, Medium	.50	1.00
Jute, 2-ply, 3-ply and 5-ply	.20	.40
Linen Bouquet, 3 lbs., \$2.40	.12	.85
Boston Linen, 2- and 3-ply	.20	.40
Green Sea Island	.18	1.25
Jefferson White Cotton, 3-ply	.15	.80
Tarred. For Mat making	.35	
Tarred Sisal. For Fodder		.30
Binder		.25



No. 6. Express. Very heavy .35
No. 4½ Japanese Twine. Medium heavy.....\$0.25
Green Silkaline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse, per spool, 30c.; \$2.35 per lb. (8 spools).
Silkaline Substitute. A green linen thread, very similar to Silkaline; fast color. Per ¼-lb. spool, 35c.; per lb., \$1.30.
Smilax Twine, in 2-ounce spools, green, packed 1 lb. per box, 25c. per spool; per lb., \$1.65; \$8.00 for 5 lbs.; 10 lbs., \$15.00.



WIRE (Price Subject to Change)

ANNEALED		GALVANIZED	
No. 16 per 12-lb. stone	\$1.25	No. 16 per 12-lb. stone	\$1.50
" 18 " " " "	1.40	" 18 " " " "	1.65
" 20 " " " "	1.65	" 20 " " " "	1.90
" 22 " " " "	1.80	" 22 " " " "	2.15
" 24 " " " "	2.00	" 22 " " " "	2.50
No. 19, Tinned, cut to 8½ in. long, 10-lb. box..... 2.50			

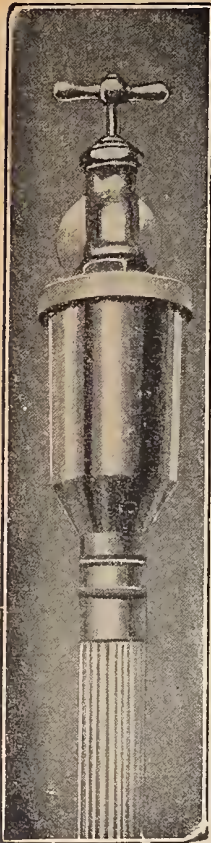
CUT BOUQUET WIRE

For Stemming Flowers, Etc.

No. 20. Cut 9, 12 or 18 in. long, 25c. per lb.; per box, 12 lbs., \$2.75.
No. 22. Cut 9, 12 or 18 in. long, 27c. per lb.; per box, 12 lbs., \$3.00.
No. 24. Cut 9, 12 or 18 in. long, 30c. per lb.; per box, 12 lbs., \$3.25.

MICHELL'S SUNDRIES FOR FLORISTS

THE KIRKE SYSTEM Of Applying Insecticides, Fungicides, Fertilizers and Salt to Plants



Showing how the Kirke Fertilizer and Insecticide Cartridge Holder is Attached to Spigot

This system consists of a nickel plated receptacle called the cartridge holder. This is equipped with a reservoir into which can be put a cartridge of insecticide and fungicide, or one of fertilizer as the occasion requires. The cartridge holder may be attached to the end of the hose followed by the nozzle or it may be attached directly to the spigot and followed by the hose. The cartridges are highly concentrated and only a small amount is required to show results. As the water passes through the cartridge holder into which a fertilizer or insecticide cartridge has been placed the requisite amount of either material placed therein is carried through by the water pressure and applied to plants.

Nickel Cartridge Holder ready to attach to any 3/4-inch hose, \$3.00.

	Each	Doz.
Fertilizer Cartridges	\$.20	\$2.00
Arsenate of Lead Cartridges	.50	5.75
Bordeaux Mixture Cartridges	.35	3.75
Tobacco Cartridges. For greenhouse use	.35	3.75
Salt Cartridges. For spraying carnations, etc., for red spider, etc.	.15	1.20
Angle Worm Cartridges	.80	9.00

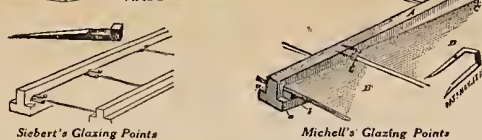
WOOD TREE LABELS, ETC.

Parcel Post Weight on Tree Labels, 1/2 lb. per 100.

POT LABEL	IRON WIRED	COPPER SHEET
Iron Wired. Plain	.100	10.00
Iron Wired. Painted	.25	2.05
Copper Wired. Plain	.25	2.05
Copper Wired. Painted	.35	2.60
Copper Sheet, wired, 25c doz.	100	\$1.50
Zinc Sheet, wired, 25c doz.	100	\$1.50
Indelible Marking Pencils, each		.15

PAINTED POT LABELS

No. in pkg.	P. P. Wt.	100	1000
4 1/2 inch	1000	1/2 lb.	\$0.20 \$1.65
5	1000	1/2 "	.25 1.95
6	1000	1/2 "	.30 2.15
8	1000	3/4 "	.35 2.65
10	250	2 "	.95 7.75
12	250	2 1/2 "	1.20 10.10
18	100	3 "	1.40 12.00
18	for field use		3.25 30.00



GLAZING POINTS

Michell's. Carefully made; thoroughly galvanized; can be used on right or left side of sash bar. No. 2 for single-thick glass; No. 2 1/2 for double-thick glass; 75c per 1,000; 5,000 for \$3.25; \$6.25 for 10,000.

Peerless Glazing Points. Quite similar to the Michell point. Nos. 1 and 2 for single-thick glass, No. 2 1/2 for double-thick glass; 75c per 1,000; 5,000 for \$3.50. If Michell and Peerless Points are wanted by mail, add 10c per 1,000 for postage.

Pincers. For driving Michell and Peerless Points, 50c per pair.

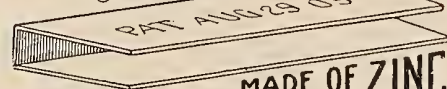
Siebert's Style Points (Zinc). Three sizes, 5/8, 3/4 and 7/8 inch, 50c per lb.; 10 lbs., \$4.75.

Zinc Nails, 5/8, 3/4 and 7/8 inch, 45c per lb.; 5 lbs., \$2.15. If desired by mail, allow for postage.

GLASS CUTTERS

Small Diamond; Ebony Handle	.. \$4.00
Large Diamond; Cocoa Handle	.. 5.00
Single Wheel; Steel (Doz., \$2.00)	.. .20
6-Wheel, Adjustable	..... .50

PEERLESS REPAIR CLAMP GLASS



Made of zinc, will not rust. Will save hundreds of dollars worth from 20 cents to 30 cents each. Price, \$1.50 per 100.



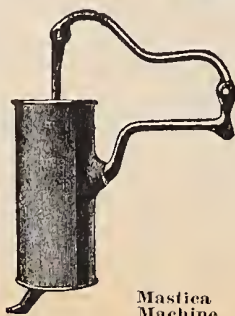
Putty Distributor

PUTTY DISTRIBUTOR

The best appliance for distributing putty. Each, \$1.35. Parcel P. Wt., 1 lb.

MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily.



Mastica Machine

Per gal. \$ 2.75
5 gal. for 13.60
Mastica Machine Each ... \$3.00

TWEMLOW'S PUTTY

16-lb. can (1 gallon)	..... \$ 3.25
50-lb. kit (3 gallons)	..... 9.60
80-lb. kit (5 gallons)	..... 15.75

PERMANITE CEMENT (Black)

For waterproofing greenhouse gutters, roofs, etc., gives splendid satisfaction; also for making sash bars watertight. Apply with a mastic machine, or "Permanite" Gun. (Price of Gun, \$6.50.)

1 gal.	..... \$2.50	5 gals.	..... \$11.25
Special price f. o. b. factory.			

HAMMOND'S GREENHOUSE WHITE PAINT

Undoubtedly the best and most economical white paint on the market today. Per gal., \$4.50.

DAYLITE GLASS CLEANER



For taking off white-wash shading, etc. Is the most powerful cleaner on the market. Apply with a brush, leave on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$1.75; \$8.25 per 5 gals.

FLORISTS' SUNDRIES

Bull Dog Clips for fastening packages, boxes, etc. 85c. per box of 1000.

	Peck	Bu.	Bbl.
Charcoal (Lump)	.. \$0.40	\$1.10	\$1.75
Cocoanut Fibre	.... .40	1.25	2.75
Leaf Mould	..... .30	1.00	2.50
Moss. All kinds.	See pg. 39.		
Pebbles	..... .50	1.25	3.25
Peat	..... .30	1.00	2.50
" Orchid	..... .30	1.00	2.50
Sand. For propagating	.25	.85	2.50
Soil. Prepared potting	.25	.85	2.50
Celery Tape (Red only)	1000 yds.,	\$5.75	
Carnation Dye (Green)	\$1.00 per pkg.		
Grafting Wax.	1/4 lb., 15c.;	25c.	1/2 lb.; 1b., 40c.

Shadeline. 5 lbs. for \$1.25; 10 lbs., \$2.00.

Weed Killer. (Herbicide.) Qt., 55c.; gal. \$1.65; \$6.50 per 5 gals.

Weed Killer (Michell's). 50c. qt.; 1/2 gal., 80c.; \$1.50 gal.; 5 gals., \$6.00; \$11.00 10 gals.; 30 gals., \$27.00; \$42.50 per 50 gals.

Weed Killer (Fairmount). Qt., 40c.; 1/2 gal., 70c.; \$1.25 gal.; 5 gals., \$5.75; \$10.50 per 10 gals.; 50 gal. barrel, \$42.50.

Pruning Compound. 75c. qt.; \$2.00 per gal.

Tree Paint. Per qt., 75c.; \$2.00 per gal.

Zementine. For whitewashing and shading glass. 2 lbs., 35c.; \$1.65 for 10 lbs.

Zinco. (Soot Destroyer.) For boilers; lengthens their life. 50c. per package. Ask for special circular.

MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan Earthen Fern Pan Fern Dish Liner Seed Pan Wood Fibre Flower Vase



Cedar Tub		Keystone Tub	
Width	Depth	Each	Doz.
7 in.	1 7/8 in.	\$0.13	\$1.30
FERN DISH LINERS		100	\$9.90

IDEAL CUT FLOWER VASES (Galvanized Iron)				
No.	Diam.	Depth	Each	Doz.
1	6 in.	6 1/2 in.	\$0.65	\$6.50
2	8 "	9 1/4 "	.80	8.00
3	7 3/4 "	9 "	.80	8.00
4	9 1/4 "	12 "	1.00	10.00
5	5 1/2 "	9 "	.85	8.25
6	7 "	11 "	.90	9.00
7	8 1/4 "	13 3/4 "	1.10	10.50
8	7 3/8 "	19 "	1.35	13.00

WOOD FIBRE VASES				
No.	Diam.	Depth	Weight	Each
0	8 in.	13 in.	4 lbs.	\$2.03
1	5 1/2 "	10 "	2 1/2 "	1.80
2	4 1/2 "	9 "	1 1/2 "	1.62
3	4 "	6 "	1 1/2 "	1.44
4	3 "	4 1/2 "	3/4 "	1.22
00	9 "	21 "	6 "	6.30
11	5 "	18 "	4 "	2.48
22	4 1/2 "	15 "	2 "	2.70
33	4 "	12 "	2 "	2.03
44	3 "	9 "	1 "	1.80

PAPER FLOWER POTS				
In.	Parcel	Post	Weight	Each
Diam.	per doz.	per 100	per 100	100
2 1/4	3 oz.	2 lbs.		\$0.65
2 1/2	3 "	2 "		.75
3	5 "	2 "		.85
3 1/2	7 "	3 "		1.20
4	8 "	4 "		1.40
5	15 "	7 "		2.15
6	2 "	11 "		3.00

Special price will be quoted on paper pots f. o. b. factory.

AZALEA POTS				
Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0.52	\$3.96	\$36.00
6 "	5 "	.78	5.94	54.00
7 "	6 "	1.28	9.90	90.00
8 "	7 "	1.88	14.30	130.00

EARTHEN BULB PANS				
Diam.	Each	Doz.	100	1000
6 in.	\$0.08	\$0.78	\$5.94	\$54.00
7 "	.14	1.28	9.90	90.00
8 "	.19	1.88	14.30	130.00
9 "	.28	2.88	22.00	200.00
10 "	.38	3.89	29.70	270.00
12 "	.79	7.92	60.50	550.00
14 "	1.29	12.96	99.00	900.00

POT HANGERS				
	Weight	per doz.	Each	Doz.
Krick's No. 1, 3				Gross
to 5-in. pots.	1 lb.	\$0.04	\$0.40	\$4.25
Krick's No. 2, 6				
& 7-in. pots.	1 lb.	.05	.45	4.50
Krick's No. 3, 8				
to 10-in. pots.	1 lb.	.06	.50	5.00
Eureka.	For all sizes of pots. Made of galvanized wire, 12c. each; per doz., \$1.20; \$8.50 per 100.			

Discount on Earthen Flower Pots, Bulb Pans and Saucers is 2 per cent. for cash with order or if paid in 15 days from date of bill. All earthenware shipped at buyer's risk. All prices on earthenware are f. o. b. Philadelphia. In some instances arrangements can be made for delivery by auto truck direct from pottery at a special charge for hauling.

EARTHENWARE SAUCERS			
Diam.	Doz.	100	
4 inches	\$0.22	\$1.65	
5 "	.29	2.20	
6 "	.44	3.30	
7 "	.58	4.40	
8 "	.80	6.05	
9 "	1.08	8.25	
10 "	1.30	9.90	
11 "	1.59	12.10	
12 "	1.95	14.85	
14 "	3.24	24.75	

WOOD FIBRE SAUCERS				
Diam.	Parcel	Post	Weight	Each
5 in.			1/4 lb.	\$0.45
6 "			1/4 "	.50
7 "			1/2 "	.54
8 "			1/2 "	.59
9 "			3/4 "	.63
10 "			3/4 "	.68
12 "			1 1/4 "	.72
14 "			1 1/2 "	.99
16 "			2 "	1.58
18 "			2 1/2 "	1.90

ROLLING STANDS				
In.	Weight	Will Fit	Pot	Tub
12	2 lbs.	10 in.		\$1.20
14	2 1/2 "	12 "	No. 8	1.40
16	3 "	14 "	" 8	2.25
18	3 1/2 "	16 "	" 7-6	2.70
20	"	"	" 5	3.00
22	"	"	" 4	3.25

ORCHID PANS (Earthen)				
4 inches diam.	Each	Doz.	100	
	\$0.09	\$0.90		
5 "	.12	1.35		
6 "	.18	1.60		
8 "	.25	2.25		
10 "	.40	4.00		
12 "	.60	6.00		

EARTHEN FERN PANS				
Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.05	\$0.44	\$3.30
4 3/4 "	2 1/8 "	.06	.58	4.40
5 1/2 "	2 1/4 "	.07	.72	5.50
6 1/4 "	2 1/2 "	.09	.87	6.60
7 "	2 5/8 "	.11	1.01	7.70
8 "	3 1/8 "	.14	1.44	11.00
9 "	3 1/4 "	.17	1.73	13.20

EARTHEN FLOWER POTS				
Height and Width Inside	Doz.	100	1000	
1 inch	\$0.13	\$0.99	\$9.00	
1 3/4 "	.11	.83	7.50	
2 "	.11	.83	7.50	
2 1/4 "	.13	.94	8.50	
2 1/2 "	.15	1.10	10.00	
3 "	.19	1.43	13.00	
3 1/2 "	.24	1.76	16.00	
4 "	.29	2.20	20.00	
4 1/2 "	.39	2.97	27.00	
5 "	.52	3.96	36.00	
5 1/2 "	.65	4.95	45.00	
6 "	.78	5.94	54.00	
6 1/2 "	1.04	7.92	72.00	
7 "	1.28	9.90	90.00	
8 "	1.88	14.30	130.00	
9 "	2.88	22.00	200.00	
10 "	3.89	29.70	270.00	
11 "	5.76	44.00	400.00	
12 "	7.92	60.50	550.00	
14 "	12.96	99.00	900.00	

CEDAR TUBS
Equipped with Strong Iron Hoops
These are made by hand, of the very best white cedar, painted green. All measurements are inside.

No.	Inside Diam.	Length of Stave	Depth	Price
No. 0	24 3/4 in.	22 3/4 in.	24 in.	\$14.25
No. 1	23 3/8 "	20 1/4 "	22 "	12.85
No. 2	21 "	18 7/8 "	20 "	11.40
No. 3	18 11/16 "	16 7/8 "	18 "	9.25
No. 4	16 1/2 "	14 1/16 "	16 "	7.50
No. 5	14 1/16 "	13 1/8 "	14 "	6.75
No. 6	12 7/16 "	10 7/8 "	12 "	5.45
No. 7	11 3/4 "	9 7/8 "	10 "	4.70
No. 8	10 11/16 "	9 1/16 "	9 1/2 "	4.10

MICHELL'S KEYSTONE PLANT TUBS
Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 40c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1	6 in.	6 in.	\$0.70	\$7.92	\$63.25
2	7 "	7 "	.75	8.20	65.55
3	8 "	8 "	.80	8.98	71.30
4	9 "	9 "	.95	9.50	75.90
5	10 "	9 "	1.00	11.23	89.70
6	11 "	10 "	1.25	13.80	110.70
7	12 "	11 "	1.50	16.70	133.40
8	13 "	12 "	1.95	18.75	170.20
9	14 "	13 "	2.20	24.50	
10	15 "	14 "	2.35	26.65	
11	16 "	15 "	2.75	30.25	
12	17 "	16 "	3.20	35.40	
13	18 "	17 "	3.80	47.05	
14	19 "	18 "	4.60	51.15	

No. 2 Special Pail Tub, 10 3/4-in. diam.; 8-in. deep. 80c. each; doz., \$8.25; \$66.00 per 100.

Please Note: Prices on Keystone Plant Tubs on inside back cover are incorrect.

44 MICHELL'S INSECT DESTROYERS PRICES SUBJECT TO MARKET CHANGES

Directions for Using Any of the Following Will Be Found on Each Package. It Is Unlawful to Send Poisons by Parcel Post.

Ant Exterminator (Magic). A powder that is used for distributing around buildings on the greenhouse benches on lawns, gardens, and any other places infested by ants. Per ¼ lb., 18c.; 35c. per ½ lb.; lb., 65c.; \$2.75 per 5 lbs.

Ant Exterminator (Zenke's). An effective liquid form of this important insecticide. Per oz., 20c.; \$2.00 per gal.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt., 25c.; 40c. per ½ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., of 12 sheets, 80c.; \$8.50 per case of 12 pkgs.

Arsenate of Lead (Paste). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth; dilutes 1 lb. to 25 gals. water. Per lb., 35c.; \$1.50 per 5 lbs.; 10 lbs., \$2.75; \$5.50 per 25 lbs.; 50 lbs., \$9.50; \$18.00 per 100 lbs.

Arsenate of Lead (Powdered). 1 lb. to 1½ lbs. dilutes to 50 gals. of water, or may be used dry, like Paris Green. Per lb., 50c.; \$2.35 per 5 lbs.; 10 lbs., \$4.50; \$10.00 per 25 lbs.; 50 lbs., \$19.00; \$35.00 per 100 lbs.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds. Full directions on each package. Per 1 oz. bottle, 25c.; \$1.00 per ½ lb.; 2 lbs. \$3.25; \$13.75 per 10 lbs.

Bordeaux Arsenate. A combined fungicide and insecticide. For fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc. on roses. Per lb., 35c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.25 per 25 lbs.; 50 lbs., \$9.00; \$17.00 per 100 lbs.

Bordeaux Mixture (Paste). Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees; by adding water it is ready for use. In 5-gal. kegs only, price \$6.50.

Bordeaux Mixture (Dry Form). Per lb., 25c.; \$1.15 per 5 lbs.; 10 lbs., \$1.80.

Boro-Wax. For painting trees to destroy and keep away borers. Per qt., 35c.; 65c. per ½ gal.; gal. \$1.10.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 65c.; \$1.50 per 12½ lbs.; 100 lbs., \$8.00.

Bug Death Aphids. For destroying aphids on vegetable plants. 12 oz. pkg., 18c.; \$8.00 per 80-lb. keg.

Carbolineum (Arvenarius). Now called Protolox. A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Per gal., \$1.50; \$7.00 per 5 gals.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., \$1.10; \$3.25 per gal.

Cyanegg. For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing the white fly. Per lb., 75c.; \$3.00 per 5 lbs.

Dalmatian or Persian Powder. For ridding buildings of all kinds of insect pests; particularly roaches, ants, moths and fleas. Per ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. For destroying mealy bugs, scale, aphids, red spider, etc. Per ½ lb., 30c.; 85c. per 2-lb. can.

Fish Oil Soap. For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per ½ lb., 10c.; 20c. per lb.; 5 lbs., 80c.; \$1.50 per 10 lbs.; 25 lbs., \$3.50; \$10.00 per 100 lbs.

Fish Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 30c.; \$1.25 per 5 lbs.; 25 lbs., \$4.25.

Fungicide (Zenke's). For various forms of fungus. Per 8 oz., 20c.; \$3.00 per gal.

Fungine. An excellent remedy for fungous diseases of all kinds. Per ½ pt., 40c.; 65c. per pt.; qt., \$1.00; \$3.00 per gal.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 50c.; \$1.50 for 8 lbs.; 50 lbs., \$6.50.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., 85c.; \$1.60 per 10 lbs.; per 25 lbs., \$3.75.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. ¼ lb., 20c.; 35c. per ½ lb.; lb., 60c.; \$2.75 per 5 lbs.

Imp. Soap Spray. An all around outdoor and greenhouse insecticide. Per pt., 55c.; 75c. per qt.; gal., \$2.50; \$10.50 per 5 gals.; 10 gals., \$19.75.

Insecticide (Zenke's). A powerful liquid contact insecticide, embodying the most effective elements which destroy most of the class of sucking insects lying on the leaf surface so as to be in reach of actual contact. Per 8 oz., 20c.; \$2.00 per gal.

I X I Compound. English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. Per gal., \$5.50; \$26.25 per 5 gals.

Kerosene Emulsion (Liquid) (Misible Oil). Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per qt., 65c.; \$1.50 per gal.

Lemon Oil Insecticide. The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Per ½ pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per ½ gal.; gal., \$3.00; \$12.00 per 5-gal. keg.

Lime Sulphur. For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 40c.; 65c. per ½ gal.; gal., \$1.00; \$3.25 per 5 gals.; 30-gal. bbls. at 28c. per gal.; 50-gal. bbls. at 25c. per gal.

Lime Sulphur (Dry Powder Form). Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Per lb., 30c.; \$1.20 per 5 lbs.; 10 lbs., \$1.80; \$3.50 per 25 lbs.; 50 lbs., \$6.75; \$12.00 per 100 lbs.



Pat. Mar. 16 & Nov. 9, 1897



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

MICHELL'S INSECT DESTROYERS

Prices Subject To
Market Changes

45

Directions for using any of the following will be found on each package. It is unlawful to send poisons by Parcel Post.

Melrosine. An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray, when diluted with from 20 to 25 times its bulk of water. Per ½ pt., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; per gal., \$6.00.

Mo-Lo. A preparation for destroying and driving away moles. Per pkg., 25c.

Nico-Fume (Liquid). This is used in very much the same way as Nicotidene. Per ¼ lb., 65c.; \$2.00 per lb.; 4 lbs., \$7.50; \$14.50 per 8 lbs. Special contract price on large orders.

Nico-Fume Paper. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box of 24 sheets, \$1.25; \$5.00 for 144 sheets; 288 sheets, \$9.50.

Nikoteen (30% solution). One of the very best forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor; excellent for pea lice in the garden. Per 1 oz. bottle, 35c.; 55c. per 1 ¼ oz. bottle; ½ lb. bottle, \$1.10; \$2.00 per 1 lb. bottle; 4 lb. bottle, \$7.00; \$13.00 per 8 lb. bottle; case of 10 1-lb. bottles, \$18.00.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. Per ¼ lb., 18c.; 30c. per ½ lb.; 55c. per lb.; \$2.60 per 5 lbs.; 14 lbs., \$7.00.

Protexol (See Carbolineum).

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles; it is a pasty substance, and needs only to be mixed with cold water. Per lb., 45c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.; 300 lbs., \$57.00.

Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc., not poisonous to other animals. 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator.



Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Harmless to the most delicate plant. Trial bottle, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$3.75 per gal.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Spray during the winter or early spring when the trees are dormant. Per qt., 65c.; \$1.75 per gal.; 5 gals., \$7.00; \$12.00 per 12 gals.; 30 gals., \$30.00; \$45.00 per 50 gals.

Scale Destroyer (Soluble Oil). For San Jose Scale, 1 gal. dilutes to 20 gals. water. Per qt., 55c.; 80c. per ½ gal.; gal., \$1.35; \$6.00 per 5 gals.

Shoo Fly. For keeping flies off cattle and horses; used with a spray or a sponge; the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 45c.; \$1.25 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 1 lb. canister, 18c.; 55c. per 5 lbs.; 10 lbs., 95c.; \$2.25 per 25 lbs.; 100 lbs., \$8.50; full barrel lots (about 250 lbs.), 8c. per lb., f. o. b. Philadelphia.

Sulco-V. B. Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 40c.; 75c. per qt.; ½ gal., \$1.35; \$2.50 per gal.; 5 gal., \$8.50; \$15.00 per 10 gal.; ½ bbl. (about 30 gal.), \$1.00 per gal.; bbl. (about 50 gal.), 90c. per gal.

Sulphate of Copper. For destroying fungus diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds sulphate of copper to 6 pounds lime, which is diluted in 50 gallons of water. Per lb., 18c.; \$1.40 per 10 lbs.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 10c.; 45c. per 5 lbs.; 25 lbs., \$2.00; \$6.50 per 100 lbs.; barrel lots (about 200 lbs.), at 6 ¼ c. per

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.10.

Thrip Juice (Hammond's No. 2). This preparation is very effective against aphid, red spider, mealy bugs and sucking insects generally. Per pt., 75c.; \$1.25 per qt.; gal., \$3.75.

Tobacco Dust. (For dusting only.) Excellent for lettuce and other plants to destroy soft, creeping insects. Per lb., 7c.; 25c. per 5 lbs.; 10 lbs., 45c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50; \$15.00 per 500 lbs.

Tobacco Dust. (Special dusting or fumigating.) A specially prepared article. Per 5 lbs., 40c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.; 500 lbs., \$23.50.

Tobacco Soap. (Sulpho.) A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. Per 3 oz. pkg., 10c.; 15c. per 6 oz. pkg.; 10 lb. cakes, \$2.25; \$5.00 per 25 lbs.

Tobacco Stems. (Fresh.) Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 10c.; 60c. per bu.; bbl. bags, \$1.25; large bales at 2c. per lb.; ½ ton, \$16.00; \$30.00 per ton.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 50c.; \$1.45 per 3 lb. can; 10 lbs., \$4.50; \$8.75 per 20

Vermine. A soil sterilizer, and a germicide. Will destroy maggots, cut worms, grubs, etc. It is usually applied at the time of preparing potting soil. Dilute at the rate of one part to 400 parts of water and thoroughly soak the soil. Per ¼ pt., 25c.; 40c. per ½ pt.; pt., 65c.; \$1.00 per qt.; gal. \$3.00.

Worm Destroyer. (For Earth Worms.) This preparation is made in England, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as worm destroyer.

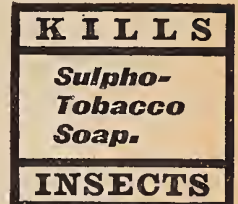
Michell's Brand. Price on application.

Carter's Brand. F. o. b. Philadelphia. Per 100 lbs., \$12.00; \$110.00 per 1000 lbs.; ton, \$210.00. F. o. b. Boston. Per 100 lbs., \$10.50; \$185.00 per ton.

Worm Eradicator. (Reade's Electric.) This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. Per 8 oz., 50c.; \$1.00 per 24 oz.; gal., \$3.75.

Zenke's Insecticide. (See Insecticide)

Zenolcum. A germicide and disinfectant. Endorsed by forty-four State Experiment Stations and Agricultural Colleges, and the leading live stock men of America. Zenoleum is a concentrated solution of coal tar. It mixes with hot or cold water. It will penetrate deeper and more rapidly than any other disinfectant. Per ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; \$2.00 per gal.



Lamps for Vaporizing Nicotine Solutions. 75c. each; 6 for \$4.00.

46 **Michell's High Grade Fertilizers**

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied

All Prices on
Fertilizers
Subject to Market
Changes

Alphano Inoculant. A soil bacteria used in growing legumes. It comes in a finely powdered form, making it easy to use. 1-acre size (2 lbs.), 90c.; per 10-acre size, \$7.25.

Ashes, Hard Wood. Apply 1,000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Per 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$4.25 per 200-lb. bbl.; 1,000 lbs., \$19.00; per ton, \$35.00.

Acid or Rock Phosphate. (14%.) Apply 1,000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. \$4.50 per 200 lbs.; 1,000 lbs., \$20.00; \$37.50 per ton.

Asparagus Fertilizer (Pure Bone and Potash). A mixture that promotes the root and top growth. Apply 800 lbs. per acre. In 200-lb. sacks only. 200 lbs., \$5.75; \$50.00 per ton.

Blood (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 65c.; \$1.00 per 10 lbs.; 25 lbs., \$2.25; \$4.00 per 50 lbs.; 100 lbs., \$7.75; \$15.00 per 200 lbs.; 500 lbs., \$35.00; \$67.50 per 1,000 lbs.

Bon Arbor. A concentrated chemical fertilizer to be used in liquid or powder form, according to directions on package. Dilute 1 lb. to 30 gals. water. Per lb., 45c.; \$2.20 per 5 lbs.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.50 per 200 lbs.; 1,000 lbs., \$45.00; \$85.00 per ton.

Bone Meal (Michell's Special Florist's Brand). Apply 800 to 1,000 per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$4.00 per 100 lbs.; 200 lbs., \$7.75; \$36.00 per 1,000 lbs.; ton, \$70.00.



Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading gardeners of England and America. Can be used in liquid or dry form. Per 28-lb. sack, \$3.50; per 56-lb. sack, \$7.00.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., \$3.50; \$6.50 for 56 lbs.; 112 lbs., \$12.00.

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.10; \$1.90 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; 1,000 lbs., \$31.00; \$60.00 per ton.

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. In 100-lb. bags f. o. b. Philadelphia, \$3.25 per 100 lbs.; 500 lbs., \$14.50; \$26.00 per 1,000 lbs.; ton, \$50.00.

Cow or Cattle Manure (Shredded). One sack of this is equal to one cart-load of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. F. o. b. Philadelphia. 100 lbs., \$3.25; \$14.50 per 500 lbs.; 1,000 lbs., \$26.00; \$50.00 per ton. F. o. b. Chicago, 100 lbs., \$2.50; \$11.25 per 500 lbs.; 1,000 lbs., \$20.00; \$38.00 per ton.



Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. Price upon application.

Hog Manure (Pulverized). Put up and sold in 100-lb. bags only; splendid for forcing vegetables and flowering plants, increasing size and yield. Per 100 lbs., \$3.25; \$14.50 per 500 lbs.

Horse Manure. (See Manure.)

Horn Shavings. Used principally for mixing in potting soil; is rich in ammonia; especially valuable in chrysanthemum growing. 10 lbs., \$1.00; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$6.00 per 100 lbs.

Humus (Alphano) Prepared. An excellent article to incorporate with poor soil in the garden or greenhouse, especially desirable for mixing with potting soil. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$2.25 per 100 lbs.; 500 lbs., \$10.00; \$16.00 per 1,000 lbs.; ton, \$30.00.

Kainit (Potash Salts). Apply 800 to 1,000 lbs. per acre. Excellent for potatoes, corn and other grains. Price upon application.

Land Plaster. Apply about 1,500 to 2,000 lbs. per acre. For top dressing sour and worn out soils, also for mixing with Paris Green. Per 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs.; ton, \$21.00.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. 3 1/2-lb. tin., 50c.; \$1.25 for 7 lbs.; 14 lbs., \$2.00; \$3.25 per 28 lbs.; 56 lbs., \$5.50; \$10.50 per 112-lb. bag.

Limestone (Pulverized). For applying on sour and worn out soils at the rate of 1 ton per acre. Per 100-lb. bag, \$1.25; \$5.75 per 500 lbs.; 1,000 lbs., \$9.50; \$17.50 per ton.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 125-lb. sack, \$2.00; \$8.00 per 500 lbs.; 1,000 lbs., \$15.00; \$27.50 per ton.

Limoid. Made from pure lump lime thoroughly hydrated. 10-lb. package, 35c.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

Mulford's Culture (Bacteria for Legumes). For inoculating clover, legumes, etc. When ordering, please state for what crop you desire to use it. Trial size for peas and beans, 25c.; 1/4-acre size, 50c.; \$1.50 per acre bottle; 5-acre bottle, \$5.00 ("a dollar per acre").

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50% actual potash. Price upon application.

Michell's High Grade Fertilizers

All Prices on Fertilizers Subject to Market Changes

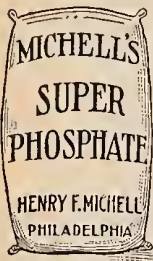
PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 65c.; \$1.15 per 10 lbs.; 25 lbs., \$2.00; \$3.75 per 50 lbs.; 100 lbs., \$7.00.



Plant Food (Michell's). A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. Analysis: Nitrogen 2½%; available phosphoric acid, 7%; potash 2%. 6 oz. pkgs., 15c.; doz., \$1.50; \$12.00 per 100; 12 oz. pkgs., 20c.; doz., \$2.25; \$17.50 per 100.

Phosphate, Michell's High-Grade Ammoniated. For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; ½ ton \$28.50; \$55.00 per ton.



Phosphate for Corn (Phosphate and Potash). \$5.25 per 200-lb. sack; per 1,000 lbs., \$23.50; \$45.00 per ton.

Plant Life (Zenke's). A liquid plant food, tonic and fertilizer. It contains in concentrated form the elements of plant food in proper proportion for absorption by the plant. Per 8 oz., 20c.; 80c. per qt.; ½ gal., \$1.50; \$3.00 per gal.

Potato Manure. Apply 800 to 1000 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., \$1.00; \$1.85 per 50 lbs.; 100 lbs., \$3.50; \$6.25 per 200 lbs.; ½ ton, \$31.00; ton, \$60.00.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre. 100 lbs., \$1.75; \$3.25 per 200 lbs.; ton, \$27.50.

POUDRETTE (Native Guano)

The Marvelous Fertilizer for Vegetables, Flowers, Grass and Grain

This is undoubtedly the lowest-priced fertilizer in existence, considering its great value for producing large, quick crops. It is a natural fertilizer, containing no chemicals. Valuable for top dressing lawns, fields or for using in connection with planting potatoes, vegetable, flower or grass seeds, or in fact, wherever a good, quick acting fertilizer is wanted. It should be applied broadcast (as it will not go through a drill) at the rate of 1000 lbs. per acre. It is available the first season and cannot burn, no matter how much is applied. It is odorless, easily handled and keeps indefinitely; cannot introduce weeds into the lawn or garden; there is nothing that will act quicker or give better and more lasting results than Poudrette. Market gardeners and vegetable growers, as well as those who want to grow fine flowers, will find this an A-1 all-around fertilizer.

PRICES

25 lbs.	\$0.75	200 lbs.	\$ 3.50
100 lbs.	2.00	1000 lbs.	16.00
	2000 lbs. (1 ton) ..		\$30.00



Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$14.50 per 500 lbs.; 1000 lbs., \$26.00; \$50.00 per ton.

Sheep Manure (Wizard Brand). F. o. b. Chicago. For our western and south-western customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs.,

\$2.50; \$11.25 per 500 lbs.; 1000 lbs., \$20.00; \$38.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. Price upon application.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: equal to 25% of ammonia. Price on application.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis equal to 50% of actual potash. Price upon application.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 50 lbs., \$1.85; \$3.50 per 100 lbs.; 200 lbs., \$6.25; \$28.00 per ½ ton; ton, \$55.00.

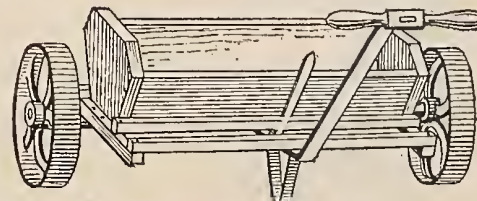
Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. 28 lb. bags, \$2.75; \$5.00 per 56 lbs.; 112 lbs., \$8.50.



Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. In 200 lb. bags only. \$5.00 per 200 lbs.; 1000 lbs., \$22.00; \$42.50 per ton.

Tobacco Stems. For fumigating, mulching and fertilizing. Bu., 60c.; \$1.25 per bbl. sack; in large bales at 2c. per lb.; ½ ton, \$16.00; \$30.00 per ton.

Wood Ashes. See ashes at top of opposite page.



THE STEVENS' FERTILIZER DISTRIBUTOR

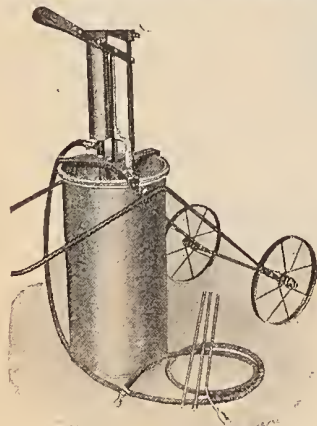
Hand Machine. For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1¼ bushels. Covering area 3 feet wide. Price, \$17.50.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired. Prices f. o. b. factory. 5 foot 10-inch spreading area, \$55.00; 8 foot 3-inch spreading area, \$60.00.

INSECT PESTS AND WHAT TO FIGHT THEM WITH

- Ants.** Ant Exterminator, Vermine.
- Aphis.** Aphine, Aphis Punk, Black Leaf 40, Imp. Soap Spray, Kerosene Emulsion, Nico-Fume, Nikoteen, Sulco-V. B., Thrip Juice, Tobacco Dust.
- Black Fly.** Aphine, Aphis Punk, Black Leaf 40, Imp. Soap Spray, I. X. L. Compound, Lemon Oil, Nico-Fume, Readeana, Slug Shot, Sulco-V. B.
- Blight.** Bordeaux Mixture, Copper Solution, I. X. L. Compound, Pyrox, Readeana.
- Black Rot.** Bordeaux Arsenate, Bordeaux Mixture.
- Green Fly.** Aphine, Aphis Punk, Imp. Soap Spray, I. X. L. Compound, Kerosene Emulsion, Lemon Oil, Nico-Fume, Nikoteen, Readeana, Slug Shot, Sulco-V. B., Tobacco Dust.
- Mealy Bug.** Fish Oil Soap, Imp. Soap Spray, I. X. L. Compound, Kerosene Emulsion, Lemon Oil, Readeana, Thrip Juice.
- Mildew.** Bordeaux Arsenate, Bordeaux Mixture, Copper Solution, Fungine, Fungicide, Grape Dust, Readeana, Sulphur.
- Plant Lice.** Black Leaf 40, Dalmatian Insect Powder, Fish Oil Soap, Kerosene Emulsion.
- Red Spider.** Aphine, Aphis Punk, Black Leaf 40, Imp. Soap Spray, I. X. L. Compound, Lemon Oil, Sulco-V. B., Thrip Juice.
- Rose Bugs.** Hellebore, Imp. Soap Spray, Kerosene Emulsion, Readeana.
- Rose Slugs.** Arsenate of Lead, Hellebore, Nikoteen, Slug Shot, Tobacco Dust.
- Rust.** Bordeaux Mixture, Copper Solution, Fungine, Fungicide, Grape Dust.
- Scale.** Fish Oil Soap, I. X. L. Compound, Kerosene Emulsion, Lemon Oil, Lime Sulphur, Scalecide, Scale Destroyer, Sulco-V. B., Thrip Juice.
- Thrip.** Aphine, Aphis Punk, Black Leaf 40, I. X. L. Compound, Imp. Soap Spray, Lemon Oil, Sulco-V. B., Thrip Juice.
- White Fly.** Aphine, Aphis Punk, Imp. Soap Spray, Sulco-V. B.
- Worms.** Vermine, Worm Destroyer, Worm Eradicator.

THE PARAGON SPRAYER



No. 3 Paragon Sprayer

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash or cold water paint.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$30.00.

See Pages 44 and 45 for a Complete List of Insecticides.

WHAT FERTILIZERS TO USE ON VARIOUS CROPS

For Greenhouse Use

- Antirrhinum (Snapdragon).** Bone Meal, Cow Manure, Sheep Manure.
- Asparagus Plumosus.** Dried Blood, Cow Manure, Sheep Manure.
- Asparagus Sprengeri.** Dried Blood, Cow Manure, Sheep Manure.
- Aster.** Bone Meal, Lime, Wood Ashes.
- Begonias.** Sheep Manure, Cow Manure.
- Calceolaria.** Cow Manure, Sheep Manure.
- Callas.** Bone Meal, Clay's Fertilizer, Cow Manure.
- Carnations.** Dried Blood, Bone Meal, Sheep Manure.
- Chrysanthemums.** Cow Manure, Chrysanthemum Manure, Horn Shavings, Dried Blood, Soot.
- Cineraria.** Cow Manure, Sheep Manure.
- Cyclamen.** Cow Manure, Sheep Manure.
- Ferns.** Clay's Fertilizer, Bone Meal, Sheep Manure.
- Geraniums.** Cow Manure, Sheep Manure.
- Gladiolus.** Wood Ashes, Sheep Manure.
- Hydrangeas.** Cow Manure, Sheep Manure.
- Lilics.** Cow Manure.
- Mignonette.** Cow Manure, Sheep Manure.
- Palms.** Bone Meal, Clay's Fertilizer.
- Pansy.** Cow Manure, Hog Manure.
- Primulas.** Cow Manure, Sheep Manure.
- Roses.** Cow Manure, Sheep Manure, Bone Meal, Wood Ashes, Tankage, Humus.
- Smilax.** Dried Blood, Cow Manure, Sheep Manure.
- Stocks.** Bone Meal, Sheep Manure, Dried Blood.
- Sweet Peas.** Cow Manure, Sheep Manure.
- Violets.** Bone Meal, Cow Manure.

For Outdoor Use

- Asparagus.** Asparagus Fertilizer, Nitrate of Soda, Kainit, Sheep Manure.
- Beans.** Bone Meal, Sheep Manure, High Grade Phosphate, Nitrate of Soda.
- Bects.** Cow Manure, Bone Meal, Sheep Manure, Nitrate of Soda.
- Cabbage.** Sheep Manure, Poudrette, Muriate of Potash, Nitrate of Soda.
- Carrots.** Sheep Manure, Poudrette, High Grade Phosphate.
- Cauliflower.** Sheep Manure, Muriate of Potash, Nitrate of Soda.
- Celery.** Cow Manure, Humus, Bone Meal.
- Corn.** Cow Manure, Sheep Manure, High Grade Phosphate.
- Cucumber.** Sheep Manure, High Grade Phosphate, Nitrate of Soda.
- Egg Plant.** Sheep Manure, Poudrette, Bone Meal, Nitrate of Soda.
- Lettuce.** Sheep Manure, Nitrate of Soda, Sulphate of Potash.
- Melons.** Cow Manure, Sheep Manure, Poudrette, High Grade Phosphate.
- Onions.** Sheep Manure, Ashes, Kainit, High Grade Phosphate, Nitrate of Soda.
- Peas.** Cow Manure, Sheep Manure, High Grade Phosphate, Nitrate of Soda.
- Radish.** Sheep Manure, Muriate of Potash, Bone Meal.
- Spinach.** Sheep Manure, Sulphate of Ammonia, Sulphate of Potash, Nitrate of Soda.
- Squash.** Bone Meal, Cow Manure, Sheep Manure, High Grade Phosphate.
- Tomato.** Bone Meal, High Grade Phosphate, Muriate of Potash.
- Turnip.** Bone Meal, Sheep Manure, High Grade Phosphate, Nitrate of Soda.

PLEASE NOTE: Nitrate of soda should not be applied until the plants are above ground.

See Pages 46 and 47 for a Complete List of Fertilizers.

Wizard Brand Manures (Free from Weeds)

WIZARD BRAND

Cattle or Cow Manure (Weedless)

This is carefully selected manure taken from brick-paved cattle pens at Western Stock Yards, where the highest quality of Cattle Manure is available in large quantities. It is kept entirely separate from other manures and is reduced by the Wizard Brand process of direct heat drying and screening, but is packed in coarse, shredded form instead of being finely pulverized.

WIZARD SHREDDED COW OR CATTLE MANURE

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$3.00	\$14.00	\$25.00	\$48.00
F. o. b. Chicago.....	2.50	11.25	20.00	38.00

We can also supply **PULVERIZED COW MANURE** at the above prices.

WIZARD BRAND

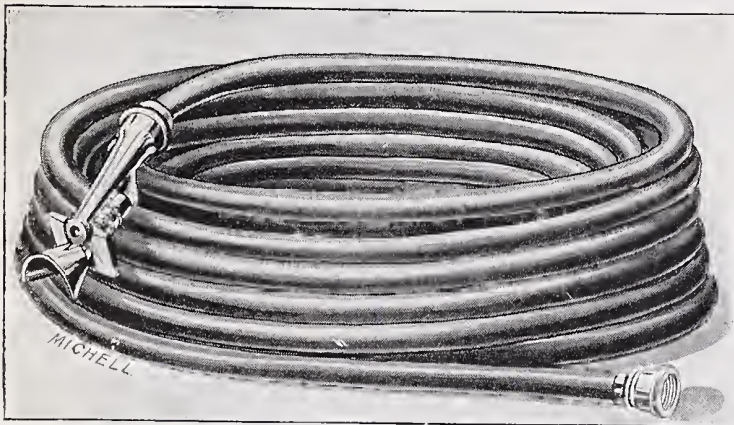
Pulverized Sheep Manure (Weedless)

This is probably the most extensively used of animal manures by the florist and market gardener. The analysis shows it to be a perfectly balanced plant food.

Pulverized Sheep Manure acts quickly and is invaluable for carnations, mums and other crops that require a quick stimulant at certain stages of development or because of unfavorable weather conditions.

PULVERIZED SHEEP MANURE

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$3.00	\$14.00	\$25.00	\$48.00
F. o. b. Chicago.....	2.50	11.25	20.00	38.00



Michell's Special RUBBER HOSE

Every florist knows how difficult it is to get hose that will stand all the wear and tear of the greenhouse, and we can't help recommending "Michell's Hose" in the highest terms. It's mighty tough, very flexible, and best of all it's a wearer with a record behind it; can be had in any length up to 500 feet; "Michell's Hose" is more than a **good** hose—it's the **BEST**.

(Write for a Free Sample)

1/2 Inch	17c.	per foot
3/4 Inch	19c.	" "

We also have other good brands of Hose. Prices and samples cheerfully sent on request.

Michell's Keystone PLANT TUBS

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. Tubs have welded hoops, except bottom hoop, which is flat (and neat handles, when desired, at extra prices, as mentioned below). Made of white cedar, they are by far the **cheapest, neatest, lightest and best** florist tub put on the market.

No.	Inside		Each	Dozen	Per 100
	Top	Depth			
1	6	6	\$0.65	\$7.00	\$54.00
2	7	7	.70	7.25	56.00
3	8	8	.75	8.00	61.00
4	9	9	.80	8.75	67.00
5	10	9	.90	9.95	76.00
6	11	10	1.00	11.00	90.00
7	12	11	1.30	14.90	115.00
8	13	12	1.75	18.95	145.00
9	14	13	2.05	21.85	
10	15	14	2.20	22.75	
11	16	15	2.45	26.65	
12	17	16	2.95	31.95	
13	18	17	3.50	38.25	
14	19	18	4.20	45.60	

If stamped steel side handles are wanted add 40c. a pair to the price of each Tub in single or dozen lots; 35c. a pair in 100 lots.

SPECIAL PAIL TUB NO. 2

The best low-priced palm Tub on the market, painted green, with electrically welded hoops. Made of best quality Southern cedar, and is a Tub of a kind the florist can afford to buy by the hundred, they are so cheap. There is no comparison between a plant in a tub and a plant in a pot. The former will always command an extra price that will more than offset the cost of the Tubs several times. Diameter inside, 10 3/4 inches at top; diameter inside, 8 3/4 inches at bottom; depth 8 inches. 80c. each, dozen \$8.25, \$66.00 per 100. Be sure and specify Pail Tub when ordering this.



All Prices Subject to Change Without Notice.

MICHELL'S

SPENCER-ORCHID (Early Winter Flowering) SWEET PEAS

for blooming under glass



BLUE BIRD

MRS. A. A. SKAACH

SNOWSTORM

LAVENDER KING

FIRE KING

ROSE QUEEN

Winter flowering Sweet Peas are usually sown in September for a Christmas and New Year's crop and, of course, for lasting well during the winter, they can be grown in a much lower temperature than is required for most blooming crops under glass. The demand is always great, so that they should form a large part of every florist's cut flower crop, demanding always a good price.

MICHELL'S SPENCER ORCHID WINTER FLOWERING SWEET PEAS

	Oz.	¼ lb.	lb.
Lavender King	.75	\$2.50	\$8.00
Blue Bird	.75	2.50	8.00
Mrs. A. A. Skaach	.75	2.50	8.00
Rose Queen (outdoor grown seed)	1.25	3.50	12.00
“ “ (greenhouse grown seed)	3.00	10.00	35.00
Fire King	.75	2.50	8.00
Snowstorm	.75	2.50	8.00

SEE ALSO BODY OF CATALOG FOR OTHER OFFERINGS OF SWEET PEAS.

Henry F. Michell Co., 516-518 Market St., Philadelphia, Pa.